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62

Vaughan's

GARDENING ILLUSTRATED

10 W. RANDOLPH ST.
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NEW YORK 7, N. Y.

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U. S. Department of Agriculture

**83rd
ANNIVERSARY
1959**



Illustrated above—2 NEW HOT WEATHER FLOWERS EASY TO GROW—See Page 16

4930 STOCKS, full double flowers, free blooming—Pkt. 35c

8580 VIOLA, Toyland—Pkt. 35c



STARFIRE
\$3.50; 3 for \$9.50.

**NR 50 STARFIRE—1959 WINNER
ALL-AMERICA ROSE SELECTIONS**

(P.A.F.) GRANDIFLORA. An unusual currant-red of brilliant luminous quality which does not fade in the sun but stays beautiful throughout the life of the flower. The perfect flowers come singly or in clusters on long cutting stems and will keep for a week when cut. It possesses all the good qualities of Queen Elizabeth, which it resembles in type of growth, and we predict it will become as popular as that famous variety. **\$3.50; 3 for \$9.50.**

For delivery and other roses see Pages 1-12-13-14-80 and 81.

RICH TONES OF LAVENDER

NR 61 LAVENDER GIRL (Pat. 1672) FLORIBUNDA. A gorgeous, rich toned lavender holds its color even in the strong heat of summer. The plant is bushy and compact, 2 ft. tall, with delightfully fragrant blooms up to 3½ inches. This rose is well worth its price. Our limited supply permits only 1 to a customer. **\$5.00.**



LAVENDER GIRL Each \$5.00.

NR 62 LITTLE DARLING. FLORIBUNDA. (Pat. 1581). A rose of delicate beauty that will delight you with continuous bloom, petite, perfectly formed buds and flowers of vivid sunset colors: brilliant red and yellow, changing to orange to pink and melting into a soft yellow center. The buds keep beautifully when cut and seem to be created for corsages. Dainty perfume; shiny reddish green foliage. Tall. **\$2.00; 3 for \$5.50.**

OFFER No. ACC9:
One each of Ivory Fashion, Little Darling and Starfire. (value \$8.25) for **\$7.65.**

LITTLE DARLING
\$2.00; 3 for \$5.50.

**2 1959 Champions
And Little Darling
All 3 (Value \$8.25) for \$7.65**

Offer No. ACC9: One each of Ivory Fashion, Little Darling and Starfire (value \$8.25) for **\$7.65.**

IVORY FASHION
\$2.75; 3 for \$7.50.



**N 59 IVORY FASHION—1959 WINNER
ALL-AMERICA ROSE SELECTIONS**

(Pat. 1688) FLORIBUNDA. A descendent of the most popular floribunda of all time—Fashion. Its long slender buds of perfect form open slowly to 4 inch ivory-colored, fragrant blooms. When fully open, it displays richly decorative, long graceful golden stamens which add to its beauty. Petals are firm and of heavy texture and keep their fresh appearance until they fall. The plant grows to 30 inches, and the blooming period is unusually long. You will like Ivory Fashion very much. **\$2.75, 3 for \$7.50.**

A FLOWER WITH SUNSET COLORING



the NEW everblooming GRANDIFLORA ROSES!



CARROUSEL

So many new roses do not fit the classifications already in use, that a new class has been established by rosarians, called Grandifloras.

Merits of both Everblooming Hybrid Teas and Floribundas are combined in Grandifloras, of which those listed on this page are the outstanding examples so far produced.

In size of flower and length of stem, grandifloras surpass floribundas, but both share the delightful habit of bearing flowers in clusters. More and bigger flowers, on taller bushes, reward grandiflora growers. Plants grow tall enough for background use in borders, while stems even in clusters are long enough for flower arrangements.

NR-42 BUCCANEER (Pat. 1119) This moderately fragrant, brilliant flashing yellow has lots of pep and is unfading in the hot summer sun. Healthy dark green foliage. **\$2.50.** 3 for **\$6.75.**

NR-43 CARROUSEL (Pat. 1066) A happy rose with perfect, dark velvety red blooms, long lasting on the bush and also when cut. Extremely resistant to heat, drought, mildew and blackspot. It was recently awarded The Gold Certificate by the American Rose Society "in recognition of superior performance in American gardens". **\$2.00:** 3 for **\$5.50.**

NR-44 DEAN COLLINS (Pat. 1279) "The Lazy Gardener's Rose." So called because it is a "toughy" and will perform beautifully with a minimum of care. The tall plants produce an abundance of brilliant red buds, opening to full double, luminous rose-opal and carmine blooms. The summer heat does not fade this beautiful rose, but intensifies its coloring. **\$2.00,** 3 for **\$5.50.**

NR-46 JUNE BRIDE (P.A.F.) The first white Grandiflora. It grows with still greater vigor than other roses in this super class, and it will delight and amaze even the perfectionist gardener. It is disease resistant with holly-like foliage and it produces hundreds of fragrant white blooms throughout the season. The long pointed buds, sometimes tinged with cream, open to large beautifully formed flowers with ample substance. **\$2.50,** 3 for **\$6.75.**

NR-45 GOLD COAST (P.A.F.). This perfectly beautiful new Grandiflora has excellent pointed buds of deep yellow, opening to 3½ to 4 inch flowers of golden yellow, that literally cover the medium-sized bush. The steady production of blooms gives it the title of "the sweetest, neatest, all-purpose yellow in the garden." Its prolific bloom, health and vigor and upright growth is sure to please you. **\$2.50;** 3 for **\$6.75.**

NR-47 MERRY WIDOW (P.A.F.). Gay and alluring as its name, this new red rose is radiantly beautiful with vibrant, deep crimson, nonfade blooms. The profusion of flowers are borne both singly and in clusters on unusually long cutting stems; pleasing old-fashioned red rose fragrance. Plant vigorous; gloriously clothed in luxurious foliage. **\$2.75,** 3 for **\$7.50.**

NR-48 MONTEZUMA (Pat. 1383). Everything is good about this rose. It has unusual beauty, good flower form, lots of bloom, single stems or in sprays, excellent cut, seems to last forever, vigorous grower, disease resistant. The buds are long and tapering and open very slowly into high centered flowers of brilliant scarlet-orange-salmon. **\$2.75:** 3 for **\$7.50.**

NR-49 QUEEN ELIZABETH ALL-AMERICA WINNER 1955 (Pat. 1259). It is truly a Queen, always looks so fresh and has all outstanding qualities. It surpasses every rose we know for performance and we consider it near perfect. The superb pure pink blooms actually grow richer and more beautiful with age and last longer when cut than any other garden rose. The showy, fragrant blooms are majestically set off with heavy dark green foliage. If you have the space to plant 6 or a dozen, you will never be sorry for then you will always have beautiful flowers to cut for whatever that special occasion might be. **\$2.50,** 3 for **\$6.75.**

NR-50 STARFIRE—ALL-AMERICA WINNER 1959 (P.A.F.). Illustrated on opposite page. **\$3.50.** 3 for **\$9.50.**

DELIVERY. All orders for ROSES are shipped separately from Western Springs, Ill. Rose orders which total \$5.00 and over for shipment to one address will be delivered prepaid in the USA. With ROSE orders for less than \$5.00, add 50c postage and handling. (No Roses are shipped C.O.D.)

SEE PAGES 12, 13, 14, 80 and 81 for COMPLETE LIST OF CLIMBING, EVER-BLOOMING HYBRID TEA, and FLORIBUNDA ROSES.

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OFFER DON19:

4 GRANDIFLORA ROSES \$8.65

4 Grandiflora Roses (value \$9.50) for **\$8.65.** One each of Carrousel, Gold Coast, June Bride and Queen Elizabeth.

OFFER EON19

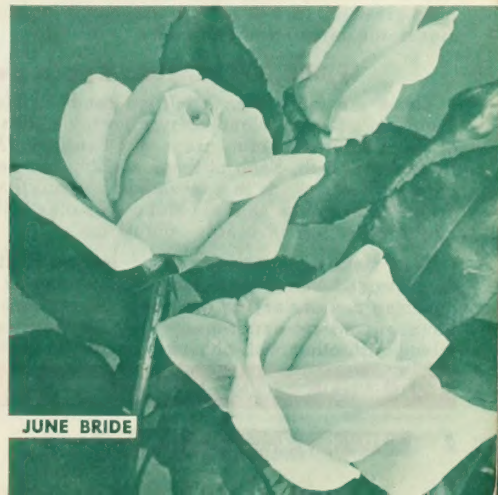
6 GRANDIFLORA ROSES \$14.45

6 Grandiflora Roses (value \$15.75) for **\$14.45.** One each of Carrousel, Gold Coast, June Bride, Montezuma, Queen Elizabeth and Starfire.

The Roses offered in this catalog are northern grown, from Pacific coast areas which produce the Nation's best plants. They are selected plants which qualify as No. 1 grade, the highest standard established by the American Association of Nurserymen. This grading is done after they have been grown for two years on hardy understock.

You will know the difference between these top grade plants, and lower priced plants, when they begin to grow in your garden, where their abundance of fibrous, flexible roots enable them to become established quickly and bloom early.

All these Roses, except some climbing varieties, will bloom in your garden this summer, if planted according to simple directions furnished with the plants. Plant dormant Rose bushes as soon as the soil thaws and dries out enough to be prepared properly.



JUNE BRIDE

Experts Pick Merion for Lawns & Playgrounds

Turf Authorities Agree Merion is Best

JAMES TYSON, Prof. of Soil Science, Michigan State University: "For Southern Michigan Merion rates first choice for open, sunny lawns with good soil conditions and good management."

O. J. NOER, Agronomist, Milwaukee Sewerage Commission: "Merion has given a very good account of itself in Milwaukee and the surrounding area of Wisconsin for use on lawns."

DR. WILLIAM H. DANIEL, Dept. of Agronomy, Purdue University: "In Northern Indiana experience has proved Merion to be superior to other lawn grasses in color, thickness of turf, vigor of growth and resistance to wear. It excels on playing fields as well as lawns. Merion is well adapted to the climatic conditions existing north of a line drawn through the capitals of Ohio, Indiana and Illinois."

H. B. MUSSER, Prof. of Agronomy, Pennsylvania State University: "The Pennsylvania Agricultural Experiment Station recommends Merion . . . either alone or in mixtures for lawns in Pennsylvania . . . also as a part of athletic field mixtures."

A. G. LAW, Associate Prof. Washington State College: "Merion has rapidly become the outstanding lawn grass in the Inland Empire. It is also rapidly replacing other turf grasses for use on golf course tees, fairways and in parks."

R. R. DAVIS, Agronomist, Ohio Agricultural Experiment Station: "Tests at Wooster have shown Merion to be superior to other available blue grasses, provided adequate nitrogen fertilizer is applied."

DR. J. R. WATSON, JR., Chief Agronomist, Toro Mfg. Corp.: "Tests at Toro Research, Minneapolis, Minn., over five years have shown . . . under adequate fertility, Merion produces a dense, weed-free, wear-resistant turf, definitely superior."

1959 AGRONOMY GUIDE, Pennsylvania State University, Extension Service: "Merion, Leafspot-resistant. Tolerant to heat and to light shade. High density and brilliant green color. Susceptible to rust under poor management. Recommended in preference to any other type of Kentucky Bluegrass."

Merion Kentucky Blue Grass, first offered to the public by Vaughan's Seed Company in 1951, was discovered and developed by national turf research and has received more thorough scientific testing than any lawn seed introduction in turf research history.

Based on their own tests, foremost turf authorities, as quoted above, agree that Merion leads all other lawn grasses in our northern states.

Yet in spite of its supreme quality, the cost of a Merion lawn is actually less than that of the next best, grown from a top quality common Kentucky blue grass mixture.

This economy is possible because Merion spreads faster so that 1 lb. of Vaughan's Master Blend Merion Formula will seed an area of 750 to 1,000 sq. ft., while it would take 2 to 3 lbs. of a good Kentucky blue grass mixture at a total cost much higher to sow the same area. Figure the saving you can make.

1,000,000 Merion Seeds per pound.

There are more than a million seeds of Merion in each pound of Vaughan's Master Blend Merion Formula. Mixed with them are seeds of Delta Kentucky blue grass and Pennlawn Fescue, both developed by turf research. Each of these was chosen because it is equipped to cope with variations in environment or soil that may exist in any lawn area. For example, shade, patches of sandy soil, hard clay, poor drainage or other less favorable conditions.

Ever since lawns began to be seeded mixtures of several grasses have proved better than one variety alone to produce a uniform turf covering soil of varying qualities and textures. Many turf researchers have proved by experiments that Merion gives better results when mixed with other well chosen grasses.

FOR BENT GRASSES AND OTHER GRASSES SEE PAGE 96



See Merion at Chicago Cubs' Ball Park

Supt. Marcantonio says: "For four years Merion has stayed greener and taken more wear than any grass we ever grew. It's beautiful, and TOUGHER, too." Merion is also used on the playing fields of Purdue, Notre Dame, and Michigan State Universities; West Point Military Academy, Brooklyn's Ebbetts Field, and New York Yankees' Stadium.

Quick Growing Grass from Canada.

Delta Kentucky blue grass, discovered by turf researchers in Canada, starts growing more quickly than Merion, because of exceptional seedling vigor. Merion starts slowly, but spreads rapidly when established.

Hybrid Fescue from Pennsylvania.

Pennlawn fescue is a synthetic hybrid whose development began 20 years ago. Selections were made from 10,000 plants of various strains gathered in a world-wide search. Three outstanding strains were selected to be the parents of Pennlawn, by a method known as "random crossing." Thus Pennlawn itself is a mixture of the best characteristics to be found among all fescues.

Beautiful Merion will dominate your entire lawn. Where it might otherwise be thin it will share the space with its partners in the Formula, but such places will seldom be detectable, so dominant is Merion's deep blue-green coloring.

No rye grass is added to Vaughan's Merion Formula, to lower its cost.

VAUGHAN'S MASTER BLEND® OF MERION FORMULA

A mixture of the latest and best grasses, including over 1,000,000 seeds of Merion per pound of mixture. Also includes Delta Kentucky Bluegrass, and Pennlawn Fescue.

1 lb., \$2.49; 3 lbs., \$7.45; 5 lbs., \$12.25; 10 lbs., \$24.00; 25 lbs., \$58.50; 50 lbs., \$116.00; 100 lbs., \$230.00. 1 lb. covers 750 sq. ft., 3 times as much as standard blue grass, costing no more to sow an equal area. Prices prepaid in U.S.A.

MERION KENTUCKY BLUE GRASS

One pound of straight Merion will sow 750 sq. ft.

1 lb., \$2.95; 3 lbs., \$8.75; 5 lbs., \$14.50; 10 lbs., \$28.50; 25 lbs., \$70.00; 50 lbs., \$138.00; 100 lbs., \$275.00. Prepaid in U.S.A.

VAUGHAN'S "PARKS" MIXTURE

In this the finest Kentucky blue grass is combined with other suitable grasses including new Delta Kentucky blue grass, a vigorous starter. White clover is not included, but can be ordered separately. In one pound there are 3,682,560 seeds.

1 lb., \$1.30; 3 lbs., \$3.85; 5 lbs., \$6.35; 10 lbs., \$12.50; 25 lbs., \$30.75; 50 lbs., \$61.50; 100 lbs., \$119.00.

VAUGHAN'S DENSE SHADE FORMULA

An exceptional formula which is particularly adapted to heavily shaded areas and will also do well in lighter shade. Contains no clover.

Price, 1 lb., \$1.20; 3 lbs., \$3.55; 5 lbs., \$5.85; 10 lbs., \$11.50; 25 lbs., \$28.25; 50 lbs., \$55.50; 100 lbs., \$109.00.



Indoor Greenhouse Solves Many Plant Problems

Crystallite Indoor Greenhouse. This roomy miniature, 2 ft. long, 2 ft. high, 18 inches wide, combines the merits of a greenhouse with some qualities of a terrarium. Atmosphere within it is kept constantly moist by water lifted from a pan below by a wick. A crystal clear vinyl covering in a polished aluminum frame admits light and retains moisture. A fluorescent light (optional) fitting inside the cover can be controlled by an automatic timer (optional) giving accurate timing for growing plants sensitive to the length of day. With this equipment amateurs can do difficult jobs and make interesting experiments. Seeds, tubers, african violets, gloxinias, begonias, orchids, and many more difficult plants can be grown. **S-1734** Complete folding greenhouse as illustrated, with wick-fed watering and 2 pt. reservoir, shipping weight 5 lbs., \$13.95. Prepaid, \$14.70.

S-1734A Fluorescent light assembly, shipping weight 5 lbs., \$8.95. Prepaid \$9.70.

S-1734-B Automatic daily repeat light timer, \$9.95. Prepaid \$10.45.

All three of above, shipping weight 12 lbs. Prepaid \$33.95.



Fatal to All Pests But Safe to Humans

No. S192. Vaughan's Tomato & Vegetable Dust or Spray. When pesticides are to be used on edible plants, Sprays and Dusts must not only be effective against insects and diseases, but safe not only for the user but for those who eat your vegetables and fruit. We have chosen for this all purpose mixture Malathion and Methoxychlor, which will destroy insects of all types, both juice drinkers and leaf eaters. Captain is the fungicide. Each of these is present in 5% strength and together they will keep your garden free of all kinds of pests. Use it on fruits and flowers as dust or spray. 8 oz. applicator gun, each \$1.00; postpaid \$1.20. 12 oz. can, \$1.35; postpaid \$1.55.

New Lawn AND Garden Aids

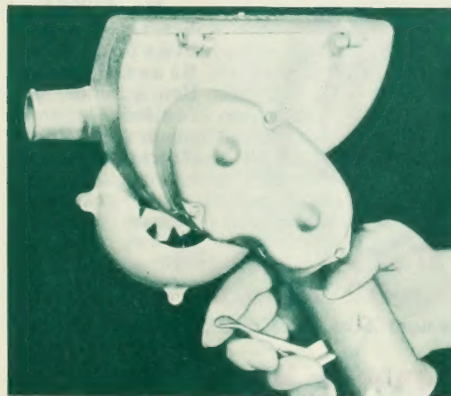
Vaughan's Rose and Plant Dust or Spray
Now With New Phaltan



So many new insecticides and fungicides are now available, few amateurs can keep informed about all. Fortunately there is no need, since it is possible for a combination including the best for each purpose to protect your plants from both insects and diseases.

Vaughan's Rose and Plant Dust, which can also be used in a spray, contains the best of the new materials for the home gardener's use. For controlling red spider on evergreens, black spot on roses, powdery mildew and both leaf eating and plant juice drinking insects. The trouble that threatens your plant need not be diagnosed. When observed, you dust or spray with our preparation and kill the pest or cure the ailment before damage is done. It contains 7% Phaltan, an improved fungicide which kills black spot on roses and other fungi, mites and mildews; 4% Malathion, destroyer of aphids and other insects; 5% of the all around insecticide D.D.T. It is safe, stable and sure.

\$276 8 oz. refillable applicator gun, \$1.59; postpaid \$1.75; 1 lb. can, \$1.98; postpaid \$1.95. 5 lb. pkg. for \$7.95; postpaid \$8.45



Vaughan's Pistol-grip Duster is One-hand Pest Killer

No. S707 For protecting small gardens from insects and diseases, dusts have many advantages over sprays. But dusting can be tiring unless you have the right duster.

Our Pistol-grip Duster is right in economy, accuracy, and ease of handling. You keep it loaded and when your plants are threatened, hold it like a pistol and shoot out a cloud of dust by pulling a 3-finger trigger.

It holds 6 to 8 ounces of dust depending on fineness. An agitator prevents the dust from packing. The easy trigger pull is stepped up by gears to operate the blower. Each \$7.85; postpaid, \$8.00. Pistol-grip Duster with 1 lb. of Vaughan's Rose and Plant Dust (\$1.75 value), both prepaid \$9.50.

Keep Rabbits Away with This Aerosol Spray



S-273 Ringwood Rabbit Repellent.

This new Repellent, developed by research workers of the U.S. Fish & Wildlife Service, has proved to be "very effective in preventing rabbit damage." Recommended for use on dormant deciduous plants and for use around the home, it is packed in 5 oz. and 12 oz. aerosol cans. One spraying lasts all winter, withstands rain, snow and freezing. 5 oz. Each \$1.25; postpaid \$1.40. 12 oz. Each \$2.50; postpaid \$2.70.

In liquid form. Pint \$2.95; postpaid \$3.10; quart \$4.50; postpaid \$4.75; gallon \$15.00.

Row Seeder for Small Gardens

\$1630 Plant-Rite Row Seeder.

First practical seeder for small gardens, easy in every adjustment and use. Pour seeds into container, dial proper spacing, set feeder and roll down the row, walking upright. Tubular steel handle with rubber grip, die-cast seed container and row wheel. Setting for each kind of seed etched on cover. Proper spacing saves seed waste and reduces thinning labor. Can be used as row-side plant food spreader. Overall length 40 in. Shipping weight 2 lbs. Each \$4.95. Postpaid \$5.35.



Professionals Use This Drench to Sterilize Soil

S-255 PANODRENCH. With one teaspoonful of this liquid mercury in three gallons of water you can sterilize soil in which you are going to start plants indoors. It contains a dye which identifies the solution. Used instead of steam sterilization to control damping off. Outdoors it can be applied to a seed bed with a sprinkling can or sprayer. 1 oz. bottle, \$1.95; postpaid \$2.05; 4 oz., \$5.95; postpaid \$6.10.

Vaughan's Tree Wound Dressing



S-214 Vaughan's Tree Wound Dressing.

Whenever the bark of a tree is cut, fungi which cause decay may attack the wood. This mixture of tars, oil and fungicide will protect the wood from infection. Old injuries showing decay should be cleaned to live wood, and covered. Apply dressing freely in crotches which show decay. Pt., \$1.25; postpaid \$1.45; 1 qt., \$1.80; postpaid \$2.15.



Best Crab Grass Killer Also Most Economical

No. S-449 Vaughan's SODAR® has gained nation-wide acceptance among professionals and amateurs as most fatal to crab grass with least injury to lawn grasses, and more economical than others.

The chemical which performs so well is Di Sodium Methyl Arsonate. It can be applied early or late in the season, on young plants or those about to seed. A sprinkling can work well on small lawns, and pressure sprayers on larger areas. One treatment kills young plants, mature plants may need two.

We offer it on a money-back guarantee. If after two weeks you do not agree that it is the best and most economical crab grass killer offered to date, bring the container back to us or the dealer from whom you purchased it and your money will be refunded. 4 ounce, treats 1,000 sq. ft., \$1.25; postpaid \$1.35; 1 pound, treats 4,000 sq. ft., \$3.50; postpaid \$3.75; 5 lbs., treats 20,000 sq. ft., \$14.75, postpaid \$15.50; 20 lb. drum, treats 80,000 sq. ft., \$55.00, by express collect.

Vaughan's Liquid SODAR® for Quick Kill

No. S271. This high-power version of SODAR®, the crab grass killer, comes in liquid form and should be applied with a sprayer. You can see the crab grass plants lose color as it hits them, and complete destruction takes place in a matter of hours, not days. Full instructions come with it. It will quickly clear a heavily infested space where you may want to make a new lawn, or set out garden plants. Pt., covers 1500 sq. ft., \$2.30; prepaid, \$2.50; Qt., covers 3,000 sq. ft., \$3.98; prepaid, \$4.35.



Vaughan's K.O. Spread on Lawn, Kills Crab Grass and Other Weeds

No. S378 Vaughan's K.O.® The whole problem of lawn weeds can be solved by using your spreader to distribute this dry combination of SODAR® and 2,4D over your lawn in early summer, when crab grass plants have just begun to grow. It can be used later, of course, but the early bird catches them young. Since SODAR® kills the crab grass, and 2,4D all other weeds, a bag of K.O.® in the tool shed will equip you to rid the lawn of weeds whenever they appear. 9 lbs. treats 2,500 sq. ft., \$3.95; postpaid, \$4.35; 18 lbs. treats 5,000 sq. ft., \$6.95, postpaid \$7.85; Postpaid prices include 3rd zone only. Add postage beyond 3rd zone.



New Tool Speeds Growth on Lawn Bare Spots

S-1069 VAUGHAN'S LAWNOVATER. A lawn cultivator is needed for many jobs, foremost of which is reseedling of bare spots. It can increase the germination of grass 50% to 75% if you sow the seed, then roll the lawn-ovater back and forth over the surface, to insure good cover and prevent loss from wind, rain and birds. You can break up compaction on an established lawn and let air, water and plant food through the crust which forms on heavy soils. The spiked disks open holes in the soil crust, without tearing the turf. It is a sturdy tool, with a heavily reinforced cast frame, and cadmium plated hard steel disks and shaft.

It is also an efficient cultivator for soil beneath shrubs and perennials where it breaks the soil crust without injuring the roots that grow near the surface. Each \$4.95; postpaid \$5.50.

Handy Spreader for Lawn Seed and Chemicals



No. S1090A Vaughan's Merion Blue Grass Seeder. New scientific garden tool that saves you time and money. Insures a green velvet smooth carpet of grass by continuous, uniform spreading of lawn seed, dry fertilizer and dry weed killer. Approximate shipping

weight 2 lbs. Each, \$4.95, postpaid \$5.15.

Squeeze Duster for Roses and other Plants



S-267 VAUGHAN'S ROSE AND PLANT SQUEEZE DUSTER. In this handy package, which can be squeezed to surround a plant with a cloud of dust lethal to all pests, we offer Vaughan's Rose and Plant Dust. It contains 7% Captan, the remarkable fungicide which kills Black Spot on roses, and other fungi; .675% Karathane, controls mildew and downy mildew, fatal to mites; 4% Malathion, destroyer of aphids and other insects. It is safe, stable and sure.

The trouble which threatens your plant need not be diagnosed. When observed, the spray duster can be used in seconds to end the danger. 8 oz. Squeeze Duster, which can be refilled, each \$1.39; postpaid \$1.55.

Giberellic Aerosol Bomb



WONDER-BREL. Fortified Gibberellin plant growth stimulant. The amazing new growth stimulant which makes plants grow to giant size; produces rapid turf growth; breaks dormancy of seeds, leaf and flower buds; makes plants grow bigger, mature and bloom earlier.

S-183 6 oz. aerosol bomb for \$1.25; postpaid \$1.45.

S-183A 15 oz. aerosol bomb for \$1.98; postpaid \$2.25.

Iron Chelate for Plants Grown in Acid or Alkaline Soil



S-311A SEQUESTRENE 330 Fe Iron CHELATE. A DTPA iron chelate containing 10.5% iron metallic for correction of iron chlorosis in azaleas, roses, rhododendrons, pin oaks and other ornamentals, turf, and fruit trees, including apples, pears, peaches, growing in

alkaline or slightly acid soils. It may be applied as a soil treatment or in foliage sprays.

For roses, mums, gardenias, gladioli, snaps, etc., use 2 to 4 ounces per 100 square feet. For trees, and large woody shrubs, use 1 to 2 oz. per inch of trunk diameter as a soil drench. 4 oz. package for \$1.19; postpaid \$1.30; 1 lb. package for \$3.19; postpaid \$3.45; 5 lbs. for \$9.00; postpaid \$9.60.



Ferta-Mix—A Transparent Unbreakable Plastic Applicator

S-940 A SELF-MIXING FERTILIZING UNIT. Easiest method known for feeding modern lawns and gardens and foliage feeding. No concentrate to mix or bucket to carry. Spreads ANY WATER SOLUBLE plant food. Can be attached to faucet, between lengths of hose, lawn sprinkler or to spray nozzle. It's automatic; no tiresome tramping around the lawn. Six ounces of any water soluble high analysis plant food such as Rapid Grow or Hy-gro (Pg. 86) placed in the transparent mixing chamber feeds approximately 600 square feet of lawn in 10 to 15 minutes, spreading fertilizer uniformly over the watering area. Each \$3.95; postpaid \$4.25.



Hidden Rope Keeps Animals Away from Plants

No. S290 VAUGHAN'S ANIMAL REPELLENT ROPE. Dogs, cats, rabbits, may be all right in their place, but you don't want them near your plants. This rope is impregnated with improved and more effective oils which set up a barrier of scent which turns them all away. Circle flower bed or border, or vegetable plot, pegging it on the ground, lightly covered. Tie a piece around an upright tree or evergreen, or hide it in foliage. Animals hate this odor. 100 ft., in can, \$1.75; \$1.95 postpaid.

Let Aerosol Pressure-pack Spray or Dust Your Garden

S-702 Eveready Garden Gun. Now you can spray or dust with the same gun. Convenient aerosol dusting or spraying is applied



to man-size operations by this combination of a "pressure pack" holding propellant sufficient for 80 pints of liquid spray or about 5 lbs. of dust. Propellant comes in a can and spray or dust is placed in a jar. Put both in the garden gun, grasp it handle and march to the protection of your vegetables, flowers, shrubs, trees, or lawn. Just pull the

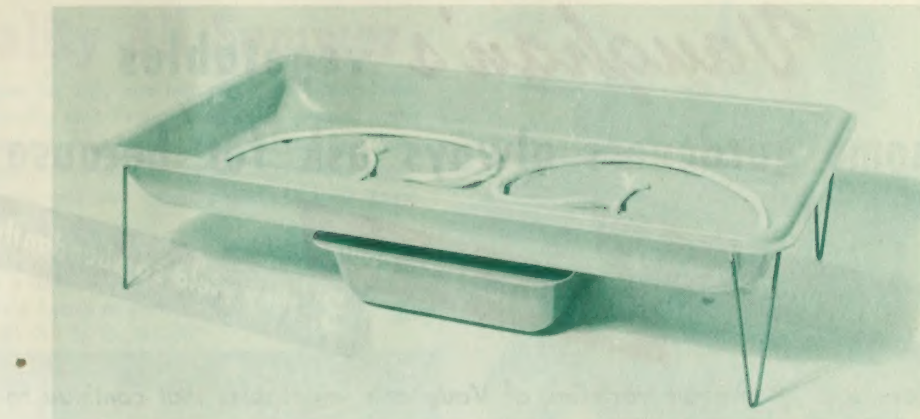
trigger when on target and a powerful jet of dust will envelop your plants. It uses all the dusts and liquids, is light in weight, has adjustable spray nozzle, is made of high impact plastic, with solid brass fittings. Light enough for women to use and the easiest of all sprayers to load and operate. Price including Pressure Pack \$17.44; Postpaid \$17.85.

S702A Extra 16 oz. Pressure Packs (Propellant) Each \$2.49; Postpaid \$2.70.

Handy quick-acting Sprayer



S724 Golden Sprayer. Speed and light weight are the chief merits of this sprayer, especially suited for feminine gardeners. You can fill the long tube with dust or liquid in seconds, and envelop invading insects, or fungi, with a lethal shower in no time at all. It operates like a trombone sprayer, ejecting the material contained in an inner tube. It is not necessary to clean it after each use, is made of non-corrosive material, will not clog and gives years of service. A positive feed insures trouble-free operation. Any dusting or spray materials may be used in it. Each \$3.98. Postpaid \$4.25.



MOIST-RITE SEED STARTER

Start Your Plants Early in a Scientific Seed Tray

S-1628 MOIST RITE SEED TRAY. It is fun to start seed in an indoor seed tray. It also permits you to select varieties from the thousands listed in this catalogue, and grow them for a fraction of what seedling plants would cost, even if you could find the varieties you want in the market, which is seldom the case.

The Moist-rite Seed Starter, illustrated, is 2 ft. long, by 1 foot wide, and 3 inches deep. It is moulded of heavy plastic, and firmly upheld by an iron stand to give room for a 2 pint reservoir below it.

Two fibre glass wicks are supplied, which when inserted in two holes provided for this purpose, and spread over the bottom of the starter, will lift water from the reservoir to moisten the soil in which seed is sown, or small plants set out. As long as there is water in the reservoir, the soil will remain moist.

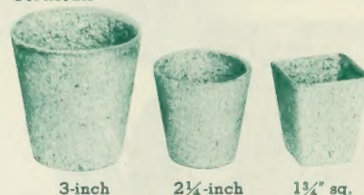
The tray can hold 50 2-inch plant bands, which will be watered by the wicks if the bands are set on a cushion of soil covering the bottom of the box.

This tray presents an attractive appearance, and will not be out of place in a living or dining room window, which gets winter sunshine, or a north window which enjoys the light reflected by the northern sky. Winter will seem shorter with this indoor garden, and your plants will cost much less than seedlings purchased in the market. Seed Starter without bands. Each, \$4.50 postpaid to the third zone (600 miles). Add 45 cents if beyond the third zone. If desired, package of 50—2 inch plant bands for 85c, postpaid.

Plastic Bird Feeder will Delight Feathered Friends

S-1725 E-Z FIL BIRD FEEDER.

When this colorful bird restaurant opens for business in a tree near your window the news will spread rapidly among the Cardinals, finches, rose-breasted Grosbeaks, and all the other winter residents of the woods. The entire menu is visible in the transparent plastic seed bin, and customers are assured clean comfort on the open perches. The birds will dine with more confidence if it is sufficiently in the open to allow them to see the approach of unfriendly characters. Convenient refilling through sliding door in roof. Comes in mottled green, brown or red. Each \$1.29; \$1.55 postpaid.



3-inch 2 1/4-inch 1 1/4" sq.

Avoid Transplanting Shock With Vaughan's Plant-A-P

PLANT-A-POT has been used by florists several years with great success in starting seedling plants. Moulded of peat moss, plants growing in them can be set out in the garden without being removed from the pot. The roots, undisturbed by the operation, grow without check, penetrating the pot walls and continuing to grow while the pot disintegrates.

Decayed pot material contributes some plant food value to the plants. Seed may be sown directly in the pots. If they are placed in a shallow pan water can be poured into the pan and will be absorbed through the side of the pots.

| Size | Approx. Wt. per 100 | Price per 100 |
|---------------|---------------------|--------------------------|
| S1431 | | |
| 1 3/4" Square | 3 lbs. | \$1.69; \$2.00, postpaid |
| S1431A | | |
| 2 1/4" Round | 3 lbs. | \$1.89; \$2.25, postpaid |
| S1431B | | |
| 3" Round | 4 lbs. | \$2.69; \$3.15, postpaid |
| S1431C | | |
| 3" Square | 5 lbs. | \$3.79; \$4.30 postpaid |
| S1431D | | |
| 4" Std. Round | 6 lbs. | \$6.79; \$7.45 postpaid |



Multiply Costly Plants

S1924 Airwrap Kit. Costly magnolias, roses, blueberries, azaleas or any woody plants can be induced to form roots on a selected stem by the Airwrap method which inexperienced gardeners can use. Once rooted the stem can be cut off and planted. Airwrap plastic film is wrapped around a ball of sphagnum moss, surrounding a wound made with knife. The moss is saturated and the film holds the moisture in, while allowing air to penetrate freely. The film contains necessary growth and rooting chemicals. One kit will make 10 new plants. Each, \$1.95; Postpaid for \$2.15.

Vaughan's vegetables

home gardeners always ask for because

1. they grow so easily

2. they taste so good

3. they yield so abundantly

Here are 12 proven varieties of Vaughan's vegetables that continue to bring highest compliments from our customers, year after year.



Harvest Peas Through July and August

P-17 WANDO PEA. 64 days. The only variety that grows extremely well during extra warm seasons. However, this hardy strain thrives under any weather condition. Produces dark green peas with excellent flavor. Tops for canning or freezing. Plant early for biggest yield. Plant them late in June for a harvest in Sept. Sow every three weeks for crops all summer. Excellent for freezing. Pkt., 25c; $\frac{1}{2}$ lb., 60c; lb., 85c.



A Jewel of a Beet

B-83 RUBY QUEEN BEET 55 days. Nothing quite like this variety for your table. Rich, dark, red roots show no signs of zones when sliced. Your greatest enjoyment is after they are cooked. Then the superior flavor, texture and color really are known. Plant seeds early, about $\frac{1}{2}$ inch apart, not over $\frac{1}{2}$ inch deep. Thin to one plant every 2 inches. Pkt., 25c; $\frac{1}{2}$ oz., 40c; 1 oz., 75c.

Still Best and Biggest Home Garden Tomato

T-19 TOMATO GIANT TREE. (Italian Potato Leaved.) 90 days. We first offered this variety in 1946 and it has been our best selling tomato variety ever since.

Seeds and plants of this variety are now sold by others as "climbing tomatoes." We know no tomato with a climbing growth habit, but if Giant Tree is not pruned the growth will spread over an area which few climbing plants of any kind can equal.

Hundreds of testimonials have been received. George C. Cooper of St. Paul, Minn., wrote: "I have 20 hills of Giant Tree producing 10 to 15 fruits per hill. They will average 1 to $1\frac{1}{2}$ lbs. and some are 2 to $2\frac{1}{4}$ lbs. They are solid, meaty, and the flavor is wonderful. They are the best variety ever raised in my 40 years of gardening."

W. E. McClelland, Seattle, Wash., grew: "Vines to 14 feet and tomatoes weighing $2\frac{3}{4}$ to 3 lbs. each. Slices covered a large salad plate from edge to edge."

From Cincinnati: "Plants $13\frac{1}{2}$ ft., prize fruit $2\frac{3}{4}$ lbs." Maysville, Ky.: "Best tomatoes ever seen around here." Joplin, Mo.: "My Tree Tomato crop the talk of the neighborhood. They are out of this world." Austin, Tex.: "Unbelievable results from one packet of seed. People came from all parts of Austin to see them." Palm, Coty, Cal.: "We have the most amazing plants I've ever seen, still loaded (Nov. 8) with blooms and fruit and they should bear all winter." Seattle, Wash.: "Vines grew to 14 ft. and individual tomatoes weighed $2\frac{3}{4}$ to 3 lbs."

As the picture herewith shows, the plants can be pruned and staked so they stay within bounds and produce their giant fruits in small home gardens.

Why not discover this tomato for yourself? Pkt., 50c.



Finest for Home Gardeners

R-12 GIANT BUTTER RADISH 28 days. A juicy crisp, mild flavored radish seldom found in the market. It grows to 2" diameter without becoming pithy or hollow and can be planted as early as ground can be worked. They'll be ready for your table in less than a month and are slow to turn pithy in the row, giving a longer harvest. Plant about $\frac{1}{2}$ inch apart and $\frac{1}{2}$ inch deep. Pkt., 25c; 1 oz., 50c; $\frac{1}{4}$ lb., \$1.50.



T-19 TOMATO GIANT TREE. Pkt. 50c.



Carrot Sweet All Through

C-49 SWEETHEART CARROT 70 days. Well named because of the tender, sweet heart or core, so rare for carrots. Healthy red-orange coloring extends uniformly from top to tip. Tops in flavor, too, and easy to grow. Can be planted with radishes, and after radishes are pulled Sweetheart Carrots continue to grow. Don't plant too thickly—one seed every $\frac{1}{4}$ inch is plenty, then thin to one plant every $1\frac{1}{2}$ inches. Pkt., 15c; $\frac{1}{2}$ oz., 30c; 1 oz., 50c.

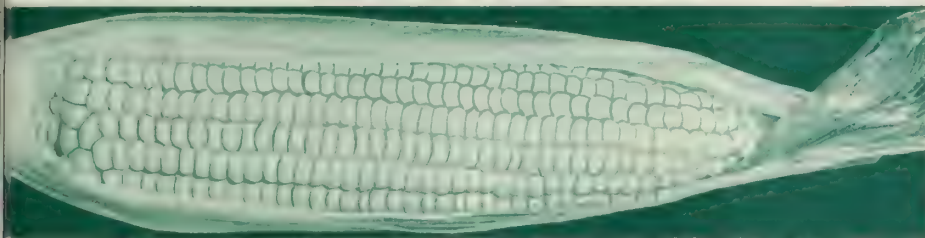
Lettuce of Bibb Quality All Summer

L-9 MATCHLESS LETTUCE. If you have room for only one lettuce, choose Matchless. If room for two, grow spring and fall crops of Bibb (Pg. 66). Professional salad experts agree Matchless equals Bibb on every count. Can be grown by any gardener, the first time. Plant Matchless in succession and you'll have matchless tasting, tender lettuce from early spring until winter. Plant seeds as soon as the ground can be prepared, $\frac{1}{2}$ inch apart, then thin to one every 6 or 8 inches.

Matchless matures quickly and a succession of sowings will keep you supplied through spring, summer and fall. It grows into a loose cluster of slender leaves shaped like a deer's tongue, thick and crisp, with a heavy midrib. We have never seen its equal. Don't fail to try it. Pkt., 25c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.



L-9. MATCHLESS LETTUCE, Pkt., 25c.



C-108 GOLDEN CROSS BANTAM SWEET CORN. Pkt., 25c; $\frac{1}{2}$ lb. 70c; lb. \$1.20.

Hybrid Sweet As Golden Bantam

C-108 GOLDEN CROSS BANTAM SWEET CORN. 79 days. Experts agree that this hybrid variety has the tenderness and flavor of Golden Bantam, one of its parents. It was the first hybrid sweet corn, unsurpassed in 30 years of testing. Best garden variety available. Unexcelled flavor due to high sugar content. Matures uniformly so it should be planted in succession. Gives you delicious corn on the table every day all season. Ready to eat almost exactly 70 days after it sprouts. Plant seed 8 to 10 inches apart in rows spaced 30 inches apart after the ground warms up. Pkt., 25c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.20.



VAUGHAN HYBRID CUCUMBER. Pkt. 25c.



Its Delicious

S-24 BUTTERNUT SQUASH 100 days.

This squash is easy to grow because of its high resistance to disease and insects. Produces a heavy yield of more firm, dry, orange flesh because seeds are centered in one end. It's delicious. Plant only 4 seeds in hills 5 feet apart after ground warms in Spring. Pkt., 15c; 1 oz., 50c; $\frac{1}{4}$ lb. \$1.50.

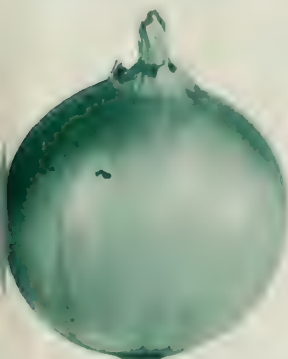
Heavy Yielding Cucumber

C-174 VAUGHAN HYBRID CUCUMBER

65 Days. Just a few days later than many open pollinated varieties but well worth waiting for. Pretty as any picture, with dark green skin and white interior. Slim yet uniformly large. In our trials vine growth was vigorous, and yield heavy. We could hardly believe it's so much easier grown than standard varieties. Plant seeds about 6 inches apart in each row, after late spring sun warms the ground. Try letting the vines climb the garden fence, to save space. Pkt., 30 Seeds 25c; $\frac{1}{2}$ oz., \$6.00.

Hybrid Sweet Spanish Onion Plants

If you could hear the high praise we get from both amateurs and professionals on this extraordinary variety you'd know why we can say "These are a must". Everyone is thrilled to enjoy onions that grow to seven or eight inches in diameter with a bulb almost 6 inches tall. And the taste—so sweet and juicy! Plant as soon as ground can be worked, 5 to 6 inches apart. Minimum Order 2 Bunches, \$1.25; 10 Bundles, \$5.00.

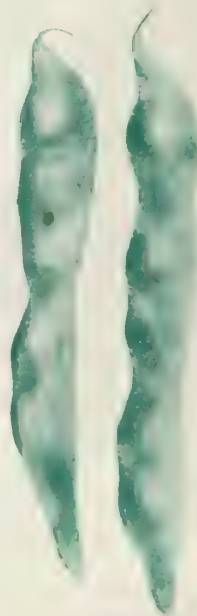


HYBRID SWEET SPANISH ONION

Blue Bean

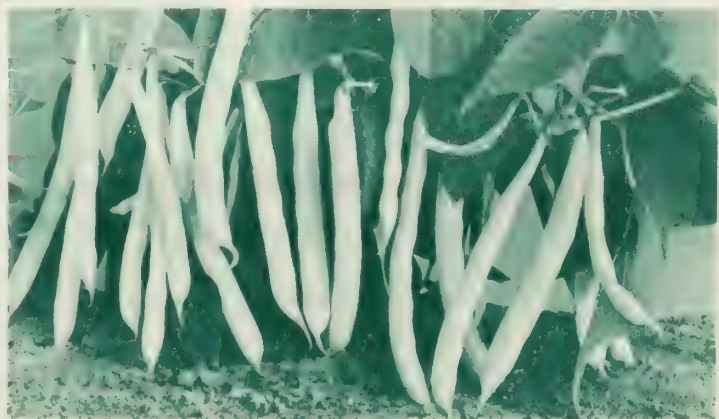
B-11 BLUE COCO POLE BEAN. 65

Days. This World famous pole bean is actually purple on purple vine with purple leaves. Turns green as they are cooked. And, what taste, flavor and texture! You've never tasted or served finer. Plant 6 to 8 seeds in hills about 3 feet apart, thin to 4 in a hill. Pkt., 25c; $\frac{1}{2}$ lb., 80c; 1 lb., \$1.35.



Topcrop Bean is Tops

B-13 TOPCROP BUSH BEAN. 50 days. Of the hundreds of bean varieties tested annually, Topcrop usually tops them all. Yields heavy, resistant to disease, matures faster, and gives outstanding taste with good color and texture. Freezes and cans perfectly too. Plant seeds 4 inches apart in rows 20 to 30 inches apart. Pkt., 25c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.00.



B13 TOP CROP BUSH BEAN. Pkt., 25c

ALL AMERICA AWARD WINNING VEGETABLES FOR 1959

What an ALL AMERICA AWARD means . . .

25 years ago the American Seed Trade Association set up an organization known as All America Selections to test new varieties of flowers and vegetables in 25 trial gardens in all sections of the country, before they are introduced to the public. Judges check every characteristic of each variety and if enough find it better than older varieties of its class it receives an All America Award; such as Honorable Mention, Bronze Medal, Silver Medal or the highest honor, the Gold Medal. The judging is highly critical. For a variety to earn even an Honorable Mention is a tribute to the plant breeder who developed it. Vaughan's was chosen to furnish one of the trial testing grounds for judging both flowers and vegetables, and has operated it for a quarter century.



RED LETTUCE RIVALS FLOWERS

L-33 RUBY LETTUCE. 45 days. This red lettuce would be welcome to your flower garden because of its attractive color and manner of growth. We have never seen a more brighter red in any of the hundreds of varieties tested in our trials. Ruby is a leaf lettuce that grows vigorously. The red color will put a sparkle in any salad. It is tender and has excellent quality especially during cool weather. Hot weather does not harm its appearance but several days of 90 degree temperature, some bitterness develops. Plant it early or in August for salad use. For foliage in flower beds plant anytime.

Packet 25c; 1 oz., \$1.00; 1/4 lb., \$3.00



FINE HOME GARDEN BEAN

B18 GARDENGREEN BUSH BEAN. 55 days. We never expected that a green pod bush bean with colored rather than white seed could get an All America Award. But after we saw Gardengreen growing we were not surprised when it came out of the trial with a medal. It is a fine home garden variety because it will produce under adverse conditions and holds pod quality better than others. The vine is medium low, spreading, with pods borne well in the center of the plant. Pods are 6-7 inches long, straight, slender, with excellent color. The cooked beans have excellent texture, flavor and color.

2 oz. Packet 30c; 1/2 lb., 90c; 1 lb., \$1.50

EARLY MATURING BRUSSELS SPROUTS

B98 JADE CROSS BRUSSELS SPROUTS. 80 days. This new variety may revolutionize the home garden production of this vegetable. It can be grown in the home garden with assurance. Before Jade Cross, planting dates were extremely critical. A few days too soon or too late meant no sprouts for harvest. Jade Cross can be planted anytime in May or June and produces sprouts in September and October. The only problem that came up was with cabbage worms, but we have been able to control these with our vegetable dust (Page 4). The plants are compact, about 20-22 inches tall at maturity. As is typical with most hybrids they are very uniform and vigorous. The main stem is well covered with the cabbage-like sprouts 1 1/4 inches in diameter, maturing in succession from the bottom of the plant towards the tip.

Packets about 50 seeds 50c



NEW BEAN OF TOP QUALITY

B30 PEARLGREEN BUSH BEAN. 53 days. Plant breeders have worked many years to produce a perfect white seeded, green pod bush bean that combines all the desirable characteristics of varieties like Tendergreen, Topcrop, Contender and Wade. Pearlgreen is almost the final answer. It is white seeded, with vines compact, more spreading than upright, the pods borne in the center of the plant. The beans are round podded, long, fairly straight and slender with excellent texture. Pearlgreen stays in prime edible condition as long as most of the new high quality varieties. After cooking, the advantage of white seed shows best. They have fine color and excellent flavor.

Packet 30c; 1/2 lb., 90c; 1 lb., \$1.50



You CAN GROW LARGEST **DAHLIAS**

**FOR EIGHT VARIETIES
OF CHAMPION
RAINBOW COLORS**

\$3.95

One Each of the Following Varieties (VALUE \$7.25) for \$3.95

VARIETIES in this collection were selected to give you a group of plants well balanced as to size and color, which can be depended upon to do well in the average garden with average care.

Many new varieties are introduced each year, but few are able to win a permanent place at the top. All in this offer have demonstrated merit in the garden and on exhibition tables. Their flowers are of good size and color, and in addition they have the qualities of vigorous growth and abundant yield.

Whether you want landscape effect, cut flowers or exhibition blooms, they will fulfill your wishes. If your goal is large size rather than abundance of bloom the instructions we send with them, for culture and disbudding, should be followed carefully.

Dahlias are rewarding flowers, for garden beauty and indoor decoration, as well as in the flower shows. A purchase of tubers can be an investment which pays dividends for years.

After each variety name is a letter which indicates its type, meaning: (C) Cactus; (F.D.) Formal Decorative; (I.D.) Informal Decorative; (D) Decorative.

DH7 BLIHEID. (C) Pure, bright orange, medium size flower of perfect form. The cut blooms keep well. \$1.00 each, 3 for \$2.50.

DH11 COMMANDO. (F.D.) Large deep lavender flowers produced in abundance on tall bushes. 75c each; 3 for \$1.75.

DH16 D. DAY. (F.D.) Solid colored true pink, medium size flower borne in great abundance. 8" 75c each, 3 for \$1.75.

DH78 WHITE WONDER. (I.D.) A beauty for garden display, with large flowers of pure white and perfect form, on strong stems. 75c each; 3 for \$1.75.

FANCY-LEAVED CALADIUM BULBS

MIXED. 6 for \$2.00; doz., \$3.75.
No order accepted for less than 6.
DELIVERY FEB. 15th TO JUNE 1st.



The fancy-leaved Caladiums are gorgeous plants for window-boxes or semi-shady places in the garden. They like a well drained, rich soil but do well in good garden soil if it is not too heavy. Start the bulbs inside in pots covering with one inch of soil. Water sparingly until growth commences, then water liberally. Plant out after danger of frost is over.



**SCARLET
LEADER**

DH17 DEUIL DU ROI ALBERT. (F.D.) The florist's favorite bi-color. Flowers are violet purple with white tips. Free flowering and very striking. 8" \$1.00 each, 3 for \$2.50.

DH26 GERTRUDE BRITTEN. (F.D.) Excellent garden variety bearing large flowers of bright red. \$1.00 each, 3 for \$2.50.

DH46 MRS. JAMES ALBIN. (F.D.) Soft lemon yellow. Strong bush-producing excellent foliage and cut flowers. 75c each, 3 for \$1.75.

DH55 SCARLET LEADER. (C) Perfect flowers of cactus type hold their bright scarlet color in brightest sunshine. Excellent producer of cut flowers. \$1.00 each, 3 for \$2.50.

Cannas for Summer Beauty

Cannas, once the most popular midsummer flower, are well on their way back to favor, thanks to new varieties and colors listed below. No flower surpasses it for continuous bloom through the hottest summer season, with a minimum of care. They provide vivid color for border, and group plantings, as well as striking beds for accent points.

Grand Opera Series

This new strain surpasses older types with larger flowers and unusual colors, many with charming pastel colors in two-tone blends.

CHOICE CANNAS

CN110 AIDA. Large trusses of old rose overlaid with salmon, deep green leaves.

CN111 LA BOHEME. Exceptionally large blooms of rosy peach with tints of pearl.

CN112 MIGNON. Giant flowers of old rose with upper petals of peach and rose.

CN113 MME. BUTTERFLY. One of the finest, yellow washed with pink.

CN114 RIGOLETTO. Pure canary yellow with emerald green foliage.

All above, 3 for \$1.00; doz., \$3.50; 100, \$30.00.

CN100 CITY OF PORTLAND. 3½ ft. Compact, luxuriant, dwarf growth. Leaves green. Flowers rosy pink.

CN101 HUNGARIA. 3½ ft. Best pink Canna. Leaves bluish green, never burn. Flowers large, with big petals.

CN102 KING HUMBERT. 4 ft. Scarlet flowers, bronze leaves. This remarkable "Gold Medal" Canna has long been the favorite red.

CN103 THE PRESIDENT. 4 ft. A rich glowing scarlet on strong stalks; green foliage.

CN104 YELLOW KING HUMBERT. 4 ft. Foliage a very dark green, flowers a deep rich yellow, softly spotted and blotched with bright red.

PRICES OF ABOVE

DORMANT 1-3 EYE ROOTS. Available March 1 to May 15; 3 for 75c; \$2.00 per doz., \$14.00 per 100.



CANNA THE PRESIDENT

A vigorous plant that bears large flowers of bright red.

red rich

EVERBEARING

STRAWBERRY

Bears Luscious Fruit From Early June Until Frost EVERBEARING

RED RICH (Plant patent No. 993). The amazing Wonder Strawberry. Bears and bears from early June until frost. Big, juicy, firm fruit loaded with that rich Strawberry flavor. Unsurpassed for freezing. The supply is limited so order today. Price: 12 for \$2.95; 25 for \$5.00; 50 for \$8.50; 100 for \$15.00; 250 for \$32.50.

TWENTIETH CENTURY—Highly recommended by Experiment Stations in many states; it rates superior in size, quality and production. Makes a vigorous growth of good sized plants. Bright red berries of fine texture and excellent flavor. Bears fruit within 60 days after planting until freezing weather. Price: 25 for \$2.95; 50 for \$4.95; 100 for \$8.95; 250 for \$19.50; 500 for \$37.50.

SUPERFECTION. Easy to grow, yields good crop first year. Crops all summer and fall. One of the most popular of the everbearers. Deep red and extra delicious. Price: 25 for \$2.25; 50 for \$4.00; 100 for \$6.25; 250 for \$14.00; 500 for \$25.00.

JUNE BEARING

POCAHONTAS (Midseason). Medium to large, firm scarlet fruit. Very sweet, seeds inconspicuous. Good producer. Price: 25 for \$1.95; 50 for \$2.95; 100 for \$5.50; 250 for \$11.50; 500 for \$19.50.

WISCONSIN 214 (Early Midseason). Just the ticket for northern states. Very large, medium red, sweet berries. Highly recommended for freezing. Price: 25 for \$2.10; 50 for \$3.25; 100 for \$5.75; 250 for \$12.00; 500 for \$20.50.

ARMORE (Late). Big is the word for Armore. Big producer, big berries. Good shipper. Unrivaled for sweetness and flavor. Price: 25 for \$1.95; 50 for \$2.95; 100 for \$5.50; 250 for \$11.50; 500 for \$19.50.

CATSKILL (Midseason). An outstanding U.S.-D.A. variety growing in popularity each year. Produces large vigorous plants and berries that are large in size and a very dark red. Equal to flavor to Premier and an excellent keeper. Price: 25 for \$1.95; 50 for \$2.95; 100 for \$5.50; 250 for \$11.50; 500 for \$19.50.

DUNLAP (Midseason). An old favorite, popular for many years. Bright red all through, exceedingly juicy. A success in all areas. Price: 25 for \$1.70; 50 for \$2.50; 100 for \$3.75; 250 for \$8.00; 500 for \$14.00.

PREMIER (Early). One of the best early June berries. Top producer, medium to large fruit of good quality. Price: 25 for \$1.95; 50 for \$2.95; 100 for \$5.50; 250 for \$11.50; 500 for \$19.50.

PAYMASTER (Midseason). Sparkling, red. A real beauty of a berry. Because Paymaster is red clear through, rates high in freezing tests and at the same time boasts a firmness that makes it ideal for handling. Price: 25 for \$1.95; 50 for \$2.95; 100 for \$5.50; 250 for \$11.50; 500 for \$19.50.



**BEST
EVER!**

Strong Field Grown Plants, Shipped from Early Spring up to May 15.—Fall Shipments September 1st to October 10th.

ALL PRICES ARE PREPAID

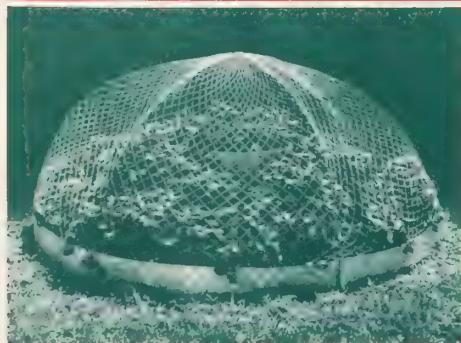
SURE CROP (Midseason). A new introduction by U.S.D.A. which produces high quality fruit. Red Steele resistant and quality compares with Pocahontas. Price: 25 for \$2.10; 50 for \$3.25; 100 for \$5.75; 250 for \$12.00; 500 for \$20.50.

**FREEZER
COLLECTION**

50 Premier, 50 Paymaster

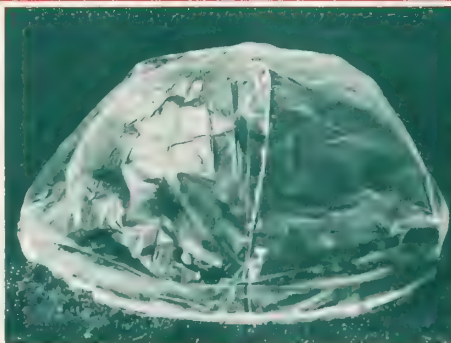
Collection of
100 Plants Prepaid \$5⁴⁵

YOUR CENTERPIECE... FOR STRAWBERRIES—VEGETABLES—FLOWERS



NETTING

This newly designed net is made for us by people who manufacture marine netting. Net is suspended over support frame. Protects Pyramid from birds, also holds mulch for winter protection.



PLASTIC COVER

Completely new plastic cover designed for new frame. Can be used in two ways: 1. For early planting and frost protection of Strawberry plants. 2. Can be used as a hotbed for production of vegetable plants to be transplanted after danger of frost.



SUPPORT FRAME

We have entirely re-designed this new support frame. Separately packaged—made of green plastic covered steel wire to form a perfect hemisphere over Pyramid. Frame is required for both netting and plastic cover.

PYRAMID® Complete Sprinkler Included

This is the brand new, re-designed Judson Pyramid® garden. SIX FOOT in diameter with three planting terraces. The 5" aluminum bands are now attractively corrugated and the completely new sprinkler is included as standard equipment with no increase in price. Remember, the sprinkler is no longer an accessory but is packaged in the Pyramid box and includes the sprinkler head, tubing and hose connection. Complete instructions for erection and planting Pyramid

are contained in each box. (POSTPAID)

| | |
|---|--------|
| PYRAMID (Includes complete sprinkler, tubing, hose connection)..... | \$9.95 |
| ACCESSORIES FOR PYRAMID | |
| SUPPORT FRAME for Covers..... | 3.95 |
| COVER (Plastic)..... | 6.95 |
| NETTING..... | 6.95 |

FOR OTHER ITEMS USE ORDER BLANK 10A

TO VAUGHAN'S SEED CO.

601 West Jackson Blvd.
CHICAGO 6, ILL.

NAME Mr. _____ Date 19
Mrs. _____
Miss _____

Print very plainly

Street, P.O. Box
or Rural Delivery.....Post Office.....State.....
(City Zone No.)

Express or Freight Office { If different } Forward Goods by
 { from P. O. } (Parcel Post, Express, Freight)

(SEND NO CASH OR CURRENCY UNLESS REGISTERED)

Make Money Orders or Checks Payable to Vaughan's Seed Company

AMOUNT ENCLOSED \$..... ☐ Money Order ☐ Draft or Check ☐ Cash

More order blanks will be sent upon request. Always write letters on a separate sheet from your order.

OUR GUARANTEE Our roses, trees and shrubs are guaranteed to grow, providing they are properly planted and watered. We will replace any plant which fails, if we are notified within 90 days, excepting those affected by adverse conditions beyond our control, such as excessive heat, rock or neglect etc. Even with the highest quality plants success in gardening depends largely upon cultivation, soil and weather conditions. Therefore, in no case, shall Vaughan's Seed Co. be liable for more than the amount actually paid us for seeds, bulbs or plants. Please return order copy with your complaint.

| Quan | Code No. | Hybrid Tea Roses | Each | 3 For | Total | Quan. | Code No. | Floribunda Roses | Each | 3 For | Total | Quan. | Code No. | TREES ROSES | Each | 2 For | Total | |
|-------|-------------------|---------------------|--------|--------|-------|-------|---------------------|---|--------|--------|-------|-------|-------------------------------|---------------------|--------|--------|-------|-------|
| | NR-1 | Audie Murphy | \$2.50 | \$6.75 | | | NR-51 | Circus | \$2.50 | \$6.75 | | | NR-88 | Chrysler Imperial | \$7.50 | 14.00 | | |
| | NR-2 | Aztec | 2.75 | 7.50 | | | NR-52 | Else Poulsen | 1.50 | 4.25 | | | NR-89 | Circus | 7.50 | 14.00 | | |
| | NR-3 | Careless Love | 2.50 | 6.95 | | | NR-53 | Frensham | 1.65 | 4.50 | | | NR-90 | Crimson Glory | 7.50 | 14.00 | | |
| | NR-4 | Charlotte Armstrong | 2.25 | 6.25 | | | NR-54 | Fashion | 2.00 | 5.50 | | | NR-91 | Helen Traubel | 7.50 | 14.00 | | |
| | NR-5 | Christopher Stone | 1.50 | 4.25 | | | NR-55 | Fusilier | 2.50 | 6.75 | | | NR-92 | Peace | 7.50 | 14.00 | | |
| | NR-6 | Chrysler Imperial | 2.50 | 6.75 | | | NR-56 | Garnette | 1.75 | 5.00 | | | NR-93 | Queen Elizabeth | 7.50 | 14.00 | | |
| | NR-7 | Countess Vandal | 1.65 | 4.50 | | | NR-57 | Gold Cup | 2.50 | 6.75 | | | POLYANTHA ROSES | | | | | 3 For |
| | NR-8 | Crimson Glory | 1.65 | 4.50 | | | NR-58 | Goldilocks | 1.75 | 5.00 | | | NR-81 | Margo Koster | \$1.65 | \$4.50 | | |
| | NR-9 | Curly Pink | 2.25 | 6.25 | | | NR-59 | Ivory Fashion | 2.75 | 7.50 | | | NR-82 | The Fairy | 1.65 | 4.50 | | |
| | NR-10 | Eclipse | 1.65 | 4.50 | | | NR-60 | Jimmy Cricket | 2.00 | 5.50 | | | IRIS | | | | | |
| | NR-11 | Forty-Niner | 2.25 | 6.25 | | | NR-61 | Lavender Girl | 5.00 | | | | NI-1 | Argus Pheasant | \$1.00 | \$2.50 | | |
| | NR-12 | Frau Karl Druschki | 1.50 | 4.25 | | | NR-62 | Little Darling | 2.00 | 5.50 | | | NI-11 | Chantilly | .75 | 2.00 | | |
| | NR-13 | Golden Wings | 2.50 | 6.75 | | | NR-63 | Pinocchio | 1.75 | 5.00 | | | NI-13 | Cherie | 1.50 | 4.00 | | |
| | NR-14 | Golden Masterpiece | 3.00 | 8.25 | | | NR-64 | Red Pinocchio | 1.75 | 5.00 | | | NI-15 | Chivalry | 1.00 | 2.50 | | |
| | NR-15 | Helen Traubel | 2.75 | 7.50 | | | NR-65 | Rose Elf | 1.65 | 4.50 | | | NI-25 | Great Lakes | .75 | 2.00 | | |
| | NR-16 | Karl Herbst | 2.50 | 6.95 | | | NR-66 | Spartan | 2.75 | 7.50 | | | NI-39 | Minnie Colquitt | .75 | 2.00 | | |
| | NR-17 | Kordes Perfecta | 3.50 | 9.50 | | | NR-67 | Vogue | 2.00 | 5.50 | | | NI-41 | Mulberry Rose | .75 | 2.00 | | |
| | NR-18 | Lady Elgin | 2.50 | 6.95 | | | NR-68 | White Bouquet | 2.50 | 6.75 | | | NI-45 | Ola Kala | .75 | 2.00 | | |
| | NR-19 | Love Song | 2.50 | 6.75 | | | NR-69 | World's Fair | 1.65 | 4.50 | | | NI-55 | Pinnacle | 1.00 | 2.50 | | |
| | NR-20 | Lowell Thomas | 2.25 | 6.25 | | | CLIMBING ROSES | | | | | | NI-57 | Ranger | 1.00 | 2.50 | | |
| | NR-21 | McGredy's Ivory | 1.50 | 4.25 | | | NR-70 | Blossomtime | \$2.50 | \$6.75 | | | NI-61 | Sable | .75 | 2.00 | | |
| | NR-22 | Michelle Meiland | 2.50 | 6.75 | | | NR-71 | Cl. Crimson Glory | 2.50 | 6.75 | | | NI-71 | Sunset Blaze | 1.00 | 2.50 | | |
| | NR-23 | Midnight | 2.75 | 7.50 | | | NR-72 | Cl. Goldilocks | 2.50 | 6.75 | | | NI-900 | 7 Iris Aristocrats | 3.45 | | | |
| | NR-24 | Mirandy | 2.25 | 6.25 | | | NR-73 | Dr. J. H. Nicolas | 2.00 | 5.50 | | | NI-901 | 5 Iris Champions | 3.95 | | | |
| | NR-25 | Mojave | 2.75 | 7.50 | | | NR-74 | Golden Showers | 2.75 | 7.50 | | | DAYLILIES | | | | | |
| | NR-26 | New Yorker | 2.50 | 6.75 | | | NR-75 | Gold Rush | 1.75 | 4.65 | | | NH-3 | Caballero | \$1.00 | \$2.50 | | |
| | NR-27 | Nigger Boy | 1.50 | 4.25 | | | NR-76 | New Blaze | 1.50 | 4.25 | | | NH-7 | Colonial Dame | 2.00 | 5.00 | | |
| | NR-29 | Oregon Centennial | 3.00 | 8.25 | | | NR-77 | New Dawn | 1.75 | 4.65 | | | NH-9 | Crimson Glory | 4.00 | 10.00 | | |
| | NR-30 | Peace | 2.50 | 6.75 | | | NR-78 | Paul's Scarlet | 1.50 | 4.25 | | | NH-11 | Duchess of Windsor | 1.25 | 3.00 | | |
| | NR-31 | Pink Favorite | 2.50 | 6.75 | | | NR-79 | White Dawn | 1.75 | 4.65 | | | NH-13 | Evelyn Claar | 3.00 | | | |
| | NR-32 | Pink Peace | 3.00 | 8.25 | | | NR-80 | Spectacular | 2.50 | 6.75 | | | NH-15 | Garnet Robe | 1.25 | 3.00 | | |
| | NR-34 | President Hoover | 1.50 | 4.25 | | | SHRUB ROSES | | | | | | NH-19 | Hesperus | 1.25 | 3.00 | | |
| | NR-36 | Sutter's Gold | 2.25 | 6.25 | | | NR-94 | F. J. Grootendorst | \$1.65 | \$4.50 | | | NH-21 | Hyperion | 1.00 | 2.50 | | |
| | NR-37 | Talisman | 1.50 | 4.25 | | | NR-95 | Hansa | 1.65 | 4.50 | | | NH-23 | Kwanzo Flore Pleno | .75 | 2.00 | | |
| | NR-38 | The Doctor | 1.65 | 4.50 | | | NR-96 | Pink Grootendorst | 1.65 | 4.50 | | | NH-25 | Linda | .75 | 2.00 | | |
| | NR-39 | Tiffany | 2.50 | 6.75 | | | NR-97 | Hugonis | 1.65 | 4.50 | | | NH-29 | Margaret Perry | .75 | 2.00 | | |
| | NR-33 | Twilight | 2.75 | 7.50 | | | NR-98 | Harrison's Yellow | 1.65 | 4.50 | | | NH-31 | Mary Guenther | .75 | 2.00 | | |
| | NR-40 | White Knight | 3.00 | 8.25 | | | NR-84 | Robin Hood 30 and up at 60c each, 5 for \$4.00; 10 for \$7.50 | | | | | NH-33 | Mikado | .75 | 2.00 | | |
| | NR-41 | White Swan | 2.50 | 6.75 | | | SPECIAL ROSE OFFERS | | | | | | NH-35 | Morocco Red | .75 | 2.00 | | |
| | GRANDIFLORA ROSES | | | | | | ACC9 | 3 New Roses | \$7.65 | | | | NH-37 | Naranja | 2.00 | 5.00 | | |
| | NR-42 | Buccaneer | \$2.50 | \$6.75 | | | BCN129 | 3 New Hybrid Teas | 8.75 | | | | NH-39 | Ophir | .75 | 2.00 | | |
| | NR-43 | Carrusel | 2.00 | 5.50 | | | CCN139 | 3 New Hybrid Teas | 6.95 | | | | NH-43 | Painted Lady | 1.25 | 3.00 | | |
| | NR-44 | Dean Collins | 2.00 | 5.50 | | | DON19 | 4 Grandifloras | 8.65 | | | | NH-45 | Pink Charm | 1.25 | 3.00 | | |
| | NR-45 | Gold Coast | 2.50 | 6.75 | | | EON19 | 6 Grandifloras | 14.45 | | | | NH-47 | Potentate | 2.00 | 5.00 | | |
| | NR-46 | June Bride | 2.50 | 6.75 | | | FCN149 | 3 Pat. Cl. Roses | 6.95 | | | | NH-49 | Queen Esther | 1.00 | 2.50 | | |
| | NR-47 | Merry Widow | 2.75 | 7.50 | | | GCN149 | 3 Climbing Roses | 4.65 | | | | NH-900 | 6 Champ. Daylilies | 4.85 | | | |
| | NR-48 | Montezuma | 2.75 | 7.50 | | | N809 | 4 Beautiful Hy. Teas | 9.75 | | | | NH-901 | 4 Deluxe Daylilies | 5.45 | | | |
| | NR-49 | Queen Elizabeth | 2.50 | 6.75 | | | N809 | 10 AARS Hybrid Teas | 22.50 | | | | NH-902 | 3 W. Best Daylilies | 7.75 | | | |
| | NR 50 | Starfire | 3.50 | 9.50 | | | JN809 | 6 Favorite Hybrid Teas | 8.35 | | | | NH-903 | 7 Stand. Daylilies | 4.25 | | | |
| | MINIATURE ROSES | | | | | | KN819 | 4 Floribundas | 5.35 | | | | TOTAL AMOUNT FOR THIS PAGE \$ | | | | | |
| | NR-85 | Baby Gold Star | \$1.35 | \$3.50 | | | LN819 | 4 AARS Floribundas | 8.45 | | | | | | | | | |
| | NR-86 | Red Imp | 1.35 | 3.50 | | | MN819 | 3 Miniature Roses | 3.50 | | | | | | | | | |
| | NR-87 | Sweet Fairy | 1.35 | 3.50 | | | | | | | | | | | | | | |
| TOTAL | | | \$ | | | TOTAL | | | \$ | | | | | | | | | |

| Quan. | Code No. | SHRUBS | Each | 3 For | Total | Quan. | Code No. | SHRUBS continued | Each | 3 For | Total | Quan. | Code No. | TREES | Each | 3 For | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|----------|------------------------------------|--------|--------|-------|--------|----------|----------------------------------|--------|--------|-------|-------|----------|---------------------------------------|--------|-------|-------|---------|--|--|------|--|--|--|--|-----------------------------------|--------|--|--|--|--|--|----|--|--|------------------|--|--|--|--|--|-------|--|--|--|--|--|-------|--|--|--|--|--|-------|--|--|--|--|--|-------|--|--|--|--|--|-------|--|--|--|--|--|-------|--|--|--|--|--|-------|--|--|--|--|--|-------|--|--|--|--|--|-------|--|--|--|--|--|-------|--|--|--|--|--|-------|--|--|--|--|--|-------|--|--|--|
| NS-1 | | Berberis Mentorensis, 15-18" | \$1.25 | \$3.45 | | NS-62 | | Spirca Caryopteris, #1 | \$1.45 | \$4.00 | | NT-1 | | Crimson King Maple, 7-8' Whip | \$8.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-2 | | Thunbergi, 18-24" | 1.00 | 2.25 | | NS-63 | | Van Houttei, 2-3' | 1.25 | 3.45 | | NT-2 | | European White Birch, 8-10' | 5.75 | 16.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-3 | | Thunbergi Atro., 18-24" | 1.25 | 3.45 | | NS-64 | | 3-4' | 1.35 | 3.75 | | NT-3 | | Weeping Birch, 9-10' Br. | 8.75 | 25.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-4 | | Buddleia Dubonnet | 1.35 | 3.75 | | NS-66 | | Syringa Persica, 2-3' | 1.55 | 4.35 | | NT-4 | | White Birch Clumps, 5-6' | 7.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-5 | | Fascinating | 1.35 | 3.75 | | NS-67 | | 3-4' | 1.60 | 4.50 | | NT-5 | | 6-7' | 8.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-6 | | Orchid Beauty | 1.35 | 3.75 | | NS-68 | | Vulgaris Purp., 2-3' | 1.50 | 4.20 | | NT-6 | | Cercis Canadensis, 2-3' | 2.00 | 5.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-7 | | Royal Purple | 1.35 | 3.75 | | NS-69 | | 3-4' | 1.70 | 4.80 | | NT-7 | | Cornus Florida, 3-4' | 6.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-8 | | Collection | 3.95 | | | NS-70 | | Belle de Nancy, 2-3' | 2.50 | 6.75 | | NT-8 | | Rubra, 3-4' | 7.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-9 | | Calycanthus Floridus, 2-3' | 2.00 | | | NS-71 | | Chas. Joly, 2-3' | 2.50 | 6.75 | | NT-9 | | Crataegus Oxy. Splendens, 5-6' | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-10 | | Cornus Alba Sibirica, 2-3' | 1.35 | 3.75 | | NS-72 | | Mme. Lemoine, 2-3' | 2.50 | 6.75 | | NT-10 | | Cordata, 5-6' | 5.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-11 | | Stolonifera Flav., 2-3' | 1.45 | 3.95 | | NS-73 | | Pres. Grevy, 2-3' | 2.50 | 6.75 | | NT-11 | | Sunburst Locust, 6-7' whips | 7.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-12 | | Cotoneaster Acutifolia, 2-3' | 1.45 | 4.05 | | NS-74 | | Lilac Collection #849, 2-3' | 8.00 | | | NT-12 | | Moraine Locust, 5-6 ft. | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-13 | | Divaricata, 2-3' | 2.00 | 5.55 | | NS-75 | | Tamarix Summer Glow, 2-3' | 2.00 | 5.55 | | NT-13 | | 7-8' Br. | 10.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-14 | | Cydonia Japonica, 2-3' | 1.50 | 4.05 | | NS-76 | | Viburnum Burkwoodi, 18-24" | 3.75 | | | NT-14 | | Saucer Magnolia, 2-3' balled in moss | 7.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-15 | | Euonymus Alatus Compacta, 18-24" | 3.00 | 8.25 | | NS-77 | | Mariesi, 2-3' | 2.00 | 5.75 | | NT-15 | | Almey Crab, 4-5' | 4.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-16 | | Corlessi, 15-18" | 4.50 | 12.75 | | NS-78 | | Opulus Sterile, 2-3' | 1.50 | 4.20 | | NT-16 | | Hopa Crab, 4-5' | 3.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-17 | | Radicans Colorata, 2 1/2" pot | 1.25 | 3.00 | | NS-79 | | Weigela Bristol Ruby, 2-3' | 2.25 | 6.25 | | NT-17 | | Bechtel's Crab, 4-5' | 4.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-18 | | Radicans Vegetus, 10-15" | 1.75 | | | NS-80 | | Rosea, 2-3' | 1.65 | 4.65 | | NT-18 | | Radiant Crab, 4-5' | 6.45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-19 | | Forsythia Lynwood Gold, 2-3' | 1.80 | 5.10 | | FRUITS | | | | | | NT-19 | | Purple Leaf Plum (Thundercloud), 5-6' | 4.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-20 | | Spring Glory, 2-3' | 1.65 | 4.65 | | | | | | | | NF-1 | | 5-in-1, Apple, 1/16" | \$3.95 | 11.25 | | NT-20 | | Mountain Ash, 6-8' Br. | 7.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-21 | | Hibiscus Syriacus Pink, 2-3' | 1.50 | 4.20 | | | | | | | | NF-2 | | Dwarf Apple McIntosh, 1/16" | 3.50 | 9.75 | | NT-21 | | Weeping Willow, 2-3' | 3.85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-22 | | Purple, 2-3' | 1.50 | 4.20 | | | | | | | | NF-3 | | Red Delicious, 1/16" | 3.50 | 9.75 | | NT-22 | | Chinese Elm Hedging, 2-3' 10 for \$2.00; 50 for \$7.50 100 for \$13.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-23 | | Red, 2-3' | 1.50 | 4.20 | | | | | | | | NF-4 | | Yellow Delicious, 1/16" | 3.50 | 9.75 | | PEONIES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-24 | | White, 2-3' | 1.50 | 4.20 | | | | | | | | NF-5 | | Cherry North Star, 1/16" | 3.95 | | | | | | | | | NP-1 | | Felix Crousse | \$1.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-25 | | Hamamelis Vernalis, 2-3' | 2.50 | 6.75 | | | | | | | | NF-6 | | Dwarf Pear Bartlett, 1/16" | 3.50 | 9.75 | | | | | | | | NP-2 | | Festiva Maxima | 1.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-26 | | Hydrangea A.G., 18-24" | 1.50 | 4.20 | | | | | | | | NF-7 | | Blueberry Collection | 5.50 | | | | | | | | | NP-3 | | Frances Willard | 1.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-27 | | P.G., 18-24" | 1.50 | 4.20 | | | | | | | | NF-8 | | Caco Grape, 2 yr. #1 | .85 | 1.95 | | | | | | | | NP-4 | | Karl Rosenfield | 1.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-28 | | Domotoi, 2 yr. | 2.25 | 6.30 | | | | | | | | NF-9 | | Concord Grape, 2 yr. #1 | .85 | 1.95 | | | | | | | | NP-5 | | Mons. Jules Elie | 1.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-29 | | Quercifolia, 18-24" | 2.00 | 5.55 | | | | | | | | NF-10 | | Fredonia Grape, 2 yr. #1 | .85 | 1.95 | | | | | | | | NP-6 | | Reine Hortense | 1.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-30 | | Hypericum Hidcote, 3 yr. | 1.50 | 4.20 | | | | | | | | NF-11 | | Portland Grape, 2 yr. #1 | .85 | 1.95 | | | | | | | | NP-7 | | Sarah Bernhardt | 1.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-31 | | Kerria Japonica, 2-3' | 2.00 | 5.55 | | | | | | | | NF-12 | | Grape Offer #82D | 2.45 | | | | | | | | | NP-8 | | Collection—4 Highly Rated Peonies | 4.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-32 | | Kolkwitzia Amabilis, 2-3' | 2.00 | 5.55 | | | | | | | | NF-13 | | Semi-Dwarf Delcon | 3.50 | 9.75 | | | | | | | | NP-9 | | Collection—3 Fine Peonies | 2.90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-33 | | Ligustrum Amurens, 18-24" | | | | | | | | | | VINES | | | | | | | | | | | | USE ORDER BLANK 10A FOR SEEDS BULBS PLANTS TOOLS Water Lilies Garden Supplies Fertilizers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 10 for \$3.25 | | 1.50 | | NV-1 | | Engelman's Ivy, 2 yr. | | | | | | | | | | | | | | | | | | | | | | Total for this page 5 Total from other side 5 Postage and Handling Charges 5 (Prepaid Orders Under \$5.00) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-34 | | 2-3' 10 for \$4.00 | | 1.60 | | NV-2 | | Boston Ivy, 2 yr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL ENCLOSED 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-35 | | Lonicera Korolkowi Zabeli, 2-3' | 1.45 | 4.05 | | | | 10 for \$7.50 | \$1.10 | \$2.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-36 | | 3-4' | 1.60 | 4.50 | | NV-3 | | Dutchman's Pipe, No. 1 | 2.00 | 5.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-37 | | Clavey's Dwarf, 18-24" | 1.50 | 4.20 | | NV-4 | | Trum. Creeper/Mme. Galen, 2 yr. | 2.00 | 5.55 | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-38 | | Tat. Alba, 2-3' | 1.25 | 3.45 | | NV-5 | | Radicans, 2 yr. | 1.10 | 2.40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-39 | | 3-4' | 1.50 | 4.20 | | NV-6 | | Bittersweet, 2 yr. 10 for \$8.00 | 1.25 | 2.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-40 | | Tat. Rosea, 2-3' | 1.25 | 3.45 | | NV-7 | | Clematis Comtesse de Bouchaud | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-41 | | 3-4' | 1.50 | 4.20 | | NV-8 | | Crimson Star | 2.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-42 | | Tat. Rubra, 2-3' | 1.25 | 3.45 | | NV-9 | | Ernest Markham | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-43 | | 3-4' | 1.50 | 4.20 | | NV-10 | | Jackmani | 1.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-44 | | Philadelphus Frosty Morn, 18-24" | 1.80 | 5.10 | | NV-11 | | Lanuginosa Candida | 1.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | |
| NS-45 | | Minnesota Snowflake, 2-3' | 1.85 | 5.25 | | NV-12 | | Lord Neville | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | |
| NS-46 | | 3-4' | 2.20 | 6.25 | | NV-13 | | Ramona | 1.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | |
| NS-47 | | Coronarius Aureus, 2-3' | 1.65 | 4.65 | | NV-14 | | Paniculata (Sweet Autumn) | 1.35 | 3.60 | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-48 | | Virginalis, 2-3' | 1.65 | 4.65 | | NV-15 | | Baltic Ivy, 2 1/4 in. pot | | 2.00 | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-49 | | 3-4' | 1.85 | 5.40 | | | | 10 for \$6.50 | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-50 | | Physocarpus Opulifolius Nana, 2-3' | 1.50 | 4.20 | | NV-17 | | Climbing Hydrangea | 2.50 | 6.75 | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-51 | | Potentilla Gold Drop 15-18" | 2.00 | 5.55 | | NV-18 | | Everblooming Honeysuckle | 1.35 | 3.60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-52 | | Prunus Cistena, 2-3' | 2.00 | 5.70 | | NV-19 | | Halleana Honeysuckle | 1.00 | 2.25 | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-53 | | Glandulosa Sinensis, 2-3' | 1.75 | 4.95 | | NV-20 | | Silver Lace Vine | 1.50 | 4.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-54 | | Triloba, 2-3' | 2.10 | 6.00 | | NV-21 | | Dwarf Lace Vine 10 for \$6.50 | 1.10 | 2.35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-55 | | Rhodotypos Kerroides, 2-3' | 1.75 | 4.95 | | NV-22 | | Kudzu Vine 10 for \$5.00 | 1.00 | 2.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-56 | | Ribes Alpinum, 15-18" | 1.40 | 3.90 | | NV-23 | | Wisteria—Pink | 2.00 | 5.85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-57 | | Rosa Multiflora, 12-15" | | | | NV-24 | | White | 1.75 | 4.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 10 for \$2.00 | | | | NV-25 | | Purple | 1.75 | 4.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | other quantities see page 85 | | | | NV-26 | | Gold Medal Collection Clematis | 4.65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS-58 | | Salix Discolor, 3-4' | 1.50 | 4.20 | | NV-27 | | DeLuxe Collection Clematis | 5.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | |
| NS-59 | | Spiraea Anthony Waterer, 18-24" | 1.45 | 4.05 | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | |
| NS-60 | | Fröebeli, 18-24" | 1.35 | 3.75 | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | |
| NS-61 | | Fröebeli, 2-3' | 1.45 | 4.05 | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | |
| TOTAL | | | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Hypericum Hidcote

S-30 HYPERICUM HIDCOTE Hypericums are attractive low growing, summer flowering shrubs. Excellent for flower borders or for planting in the foreground of taller shrubs, as their brilliant flowers, growing on slender branches, bloom from early summer until frost. The branches may freeze to the ground in cold winters but then grow from the base in spring, producing their mass of fragrant bloom from June until autumn. 3 year plants \$1.50; 3 for \$4.20.



WEIGELA BRISTOL RUBY



Euonymus Emerald Leader

NS-16 EUONYMUS CORLESSI. (Plant Patent No. 881). Here is something new! An ornamental plant offering the broadleaf evergreen beauty of Euonymus Vegetus foliage, developed into bush form. It is versatile in use, and perfectly hardy where climate prohibits such broadleaf evergreens as holly and boxwood. Perfect for accenting a foundation planting, as a specimen plant or to soften the lines of a conventional evergreen planting. With an ultimate height of about four to five feet, it requires almost no shearing, but responds well to occasional trimming for shape or size. In fall there are bitter-sweet-type clusters of berries to add interest. A wonderful hedge where something choice is desired. We offer 15 to 18 in. bushy plants, abundantly rooted, @ \$4.50 each prepaid, \$12.75 per 3, \$40.00 per 10.

Golden Forsythia

S-19 FORSYTHIA LYNWOOD GOLD A new gold-flowered Forsythia, which is expected to replace all other deep yellow varieties. Erect in growth habit, the branches are just about smothered under myriads of flowers in early spring. The blossoms are fuller in form and of better substance than older forms. Excellent for cutting and forcing in the house during winter months. Perfectly hardy, of course. 2 to 3 ft. \$1.80; 3 for \$5.10.

Ruby Red Weigela

NS-79 WEIGELA BRISTOL RUBY (Plant Patent No. 496). The color is a sparkling ruby red, much more intense than the soft color of the pink Weigela so familiar. The flowers are produced in generous quantities in June and early July, then again a fine showing of bloom thru the summer and autumn. Few shrubs flower over so long a period as Bristol Ruby. Grows into a shapely, compact specimen needing very little if any pruning. Hardy even into New England and Canada. Certainly the best red Weigela. 2 to 3 ft. bushy plants \$2.25 each; 3 for \$6.25.

DELIVERY. All orders for Nursery Stock are shipped separately from Western Springs, Ill. Orders which total \$5.00 and over for shipment to one address will be delivered prepaid in the USA. With orders for less than \$5.00, add 50c postage and handling.



New Flowering Crab

NT-18 FLOWERING CRAB RADIANT In grace and beauty, accompanied by unqualified hardiness, the flowering crabs excel all other flowering trees. "Radiant," a new introduction of the Minnesota State Fruit Breeding Farm is outstanding. It is upright and symmetrical in habit, with a great abundance of vivid red blossoms presenting a beautiful display. The foliage, with a faint glow of rosy pink when young, contributes greatly to its appearance all summer. Bright red fruit that stays on well into fall. Our trees are grown in the rigorous climate of Minnesota. Strong 4 to 5 ft. trees, branched, \$6.45.



FORSYTHIA LYNWOOD GOLD

New Everblooming

New and Unique Coloring

NR-17 KORDES PERFECTA (Pat. 1604). A magnificent new rose with an intriguing color combination, different from any rose you have ever seen. The large, very double, perfectly formed buds and flowers present a constantly changing picture, cream white, lined pink and carmine at edges, deepening through as the flower opens to a most delectable combination of pink and white suffused with yellow. It is delicately scented and grows old gracefully as its unique coloring is enhanced in aging. Vigorous plants to 3 ft. with dark glossy green foliage. **\$3.50;** 3 for **\$9.50.**

Kordes
Perfecta
\$3.50

Large Flower of Glowing Red

NR-29 OREGON CENTENNIAL (P.A.F.). This new rose is deep rose-red, which seems to glow with an inner luminescence. The buds develop into large, lightly cupped flowers with crisp petals and a strong sweet fragrance. The plant is tall and full, luxuriously clad in its deep-green foliage. This rose will be featured in the Oregon Centennial Exposition which is to open in Portland in June of this year. **\$3.00;** 3 for **\$8.25.**



Oregon Centennial, \$3.00.



Pink
Peace
\$3.00

Pink Daughter of Peace

NR-32 PINK PEACE (P.A.F.). A direct descendant of Peace with all its good qualities and more. A deep pink of largest size, more free with bloom than Peace. It is spectacular with 6 in. fragrant flowers of 60 to 65 petals, borne one to a long, sturdy stem. The plant has enormous vigor and grows upright, tall and bushy with large leathery disease-resistant foliage. **\$3.00;** 3 for **\$8.25.**

OFFER BCN129. One plant each of Kordes Perfecta, Oregon Centennial, and Pink Peace, all illustrated and described above. (Value \$9.50) for **\$8.75.**

Hybrid Tea Roses

An exceptional display of roses can be seen in Vaughan Seed Company's trial grounds in the Col. Robert R. McCormick gardens near Wheaton, Ill.

Ten acres are devoted to seed, bulb, lawn and rose trials. There is a rose garden of All America Winners for the last 10 years. This will enable visitors to judge how award winners maintain quality as time passes.

In another bed more than 700 plants will be grown in the season of 1959, 8 each of 88 varieties. In addition trials of annual and perennial flowers, vegetables, chrysanthemums, cannas and gladioli can be inspected.

The gardens are on Cantigny Farm, Roosevelt and Winfield Roads, Wheaton, Ill., Admission and parking space are available to visitors without charge. You are cordially invited to inspect them.

Visit Our Rose Trial at Wheaton, Ill.

Karl Herbst, \$2.50



Careless
Love
\$2.50

Like a Camellia

NR-3 CARELESS LOVE (Pat. 1582). Genuinely unique, we predict this will be the conversation piece of your garden. Strikingly similar to a variegated camellia in coloring, it combines red and white streaks, or whole petals rose and white, pink and white, and occasionally you might be surprised to find a pure pink, or an apricot-yellow bloom right on the same stem as the others. The plants are vigorous, hardy, producing fragrant flowers steadily through the season. **\$2.50; 3 for \$6.95.**

OFFER CCN 139 One Plant each of Roses Careless Love, Karl Herbst and Lady Elgin, (value \$7.50) for \$6.95.



Red Peace from England

NR-16 KARL HERBST A descendant of Peace that won a gold medal in England and is fast becoming known in this country as a "Red Peace." The large well shaped fragrant blooms are extremely double, long lasting and a deep red in color. It is a sturdy grower with good foliage and makes an excellent plant that performs well in warm weather. **\$2.50; 3 for \$6.95.**

Orange and Apricot

NR-18 LADY ELGIN (Pat. 1469). An exciting combination of orange and apricot, retained throughout the life of the flower. A huge rose with full, shapely buds and blooms on long, strong stems, excellent for cutting. Plants are sturdy, tall growing, upright and vigorous. **\$2.50; 3 for \$6.95.**



Lady Elgin, \$2.50

Vaughan's Seed Company 13

DELIVERY: All orders for ROSES are shipped separately from Western Springs, Ill. Rose orders which total \$5.00 and over for shipment to one address will be delivered prepaid in the U.S.A. With ROSE orders for less than \$5.00, add 50c for postage and handling. (No Roses are shipped C.O.D.)

See Pages 1, 14; 80 and 81 for Complete List of Roses.



CLIMBING ROSE NEW BLAZE

NR-76 A marvelous, scarlet-red Rose, combining the bloom and growth of Paul's Scarlet Climber with ever-blooming character. Blooms are double, often 4 inches in diameter. Gives a gorgeous display in June and repeats intermittently. 12 ft., **\$1.50**.

OFFER NO. GCN149. One each of New Blaze, Gold Rush and The New Dawn, 3 Roses, (value **\$5.00**) for **\$4.65**.

NEW PATENTED CLIMBERS

NR-70 BLOSSOMTIME. (Pat. 1240). The most continuous blooming hardy Climber that we know. It is never out of bloom and will provide a profusion of very fragrant, perfectly formed, two-toned pink blooms of superb Hybrid Tea form. Everyone will love this rose and it is easy to grow. 6 ft., **\$2.50**; 3 for **\$6.75**.

NR-71 CLIMBING CRIMSON GLORY. (Pat. 736). Climbing form of the outstanding bush everblooming variety, producing an abundance of perfectly formed crimson colored blooms. 8 ft. **\$2.50**; 3 for **\$6.75**.

Climbing Roses

For loads of bloom and a mass of color display, there is nothing that can equal the beauty of climbing roses in full bloom. They are wonderful for planting on arbors, fence, porch, trellis or walls. All are hardy and easy to grow, but in cold sections we recommend giving winter protection. The figures following the descriptions of each variety indicate the average height of the plant at maturity.

STANDARD VARIETIES

NR-75 GOLD RUSH. A vigorous climber, producing masses of rich, golden yellow flowers excellent in form and substance. Repeats bloom on its new growth for the season; glossy foliage, **\$1.75**; 3 for **\$4.65**.

NR-77 NEW DAWN. The long stemmed, beautifully formed flowers of soft apple-blossom pink and hybrid tea size are freely produced all summer. Hardy; vigorous. One plant gives a tremendous display and has never disappointed anyone. 15 ft., **\$1.75**; 3 for **\$4.65**.

NR-78 PAUL'S SCARLET CLIMBER. This strong climber is sensational in spring; none can compare with it for brilliancy of color, which is a vivid scarlet. 12 ft., **\$1.50**; 3 for **\$4.25**.

NR-79 WHITE DAWN. Everblooming large flowering variety which produces hundreds of pure white double blooms resembling gardenias, year after year. May also be used as a ground cover plant. 8 ft., **\$1.75**; 3 for **\$4.65**.

PATENTED CLIMBERS continued

NR-72 CLIMBING GOLDOLOCKS. (Pat. 1090). This lovely climbing variety of the famous Floribunda Goldilocks is an everblooming rose that will truly give you a "Sheet of Gold." 8 ft. **\$2.50**; 3 for **\$6.75**.

NR-73 DR. J. H. NICOLAS. (Pat. 457). Everblooming deep rose-pink. Magnificent, very double deeply fragrant blooms like the Hybrids Teas. 6 to 8 ft. **\$2.00**.

NR-80 SPECTACULAR. (Pat. 1416). The brilliant new orange-red color that has become so popular in the bush roses is at last available in this new Climber. It is a glorious sight in June when the plant is literally covered with hundreds of brilliant 4 inch blooms that really last, for the gorgeous color does not fade, even in extreme temperatures. Display is repeated again in the fall. 10 ft. **\$2.50**; 3 for **\$6.75**.

OFFER FCN149. One each of Climbing Crimson Glory, Blossomtime and climbing Golden Showers. 3 Roses (value **\$7.75**) for **\$6.95**.



NR74 CLIMBING GOLDEN SHOWERS 1957 ALL-AMERICA WINNER

The first winter-hardy everblooming Pillar or Climbing Rose that actually blooms from early spring through late fall. The long pointed, deep yellow buds open large 4 to 5 inch daffodil yellow, exquisitely shaped blooms. They are borne in great profusion on long, almost thornless, bronze cutting stems and are ideal for spectacular arrangements. The plant is vigorous and foliage is large, leathery, glossy and disease resistant. Grows to 8 ft. **\$2.75**; 3 for **\$7.50**.



New Hybrid Tea Shrub Rose, Everblooming

NR-13 GOLDEN WINGS. Plant Patent No. 1419. This rose is unique, a hybrid tea in breeding, with the growth habit of a shrub rose, and the fragrance of a wild rose. The American Rose Society gives it the highest rating of all yellow roses. Like other hybrid teas it is everblooming, and it is hardy to the tips of its stems. Its beautiful single flowers make it spectacular in the garden when allowed to develop as a specimen shrub, or in a hedge planting. Each, **\$2.50**; 3 for **\$6.75**.

New Hedge Rose Robin Hood

NR-84 ROBIN HOOD is the most beautiful hedge rose ever offered, a delightful Musk Rose hybrid that has everything. In spring, blazing clusters of brilliant cherry-red flowers completely cover the healthy, deep green foliage. Continues to bloom attractively all summer and fall. For small or large gardens, these densely compact plants are unexcelled. It will grow, unless trimmed, to about five feet without the sprawling overgrowth that makes the ordinary "living fence" undesirable for smaller areas. If cut to the ground in early spring, a 2½ ft. full flowering hedge will be formed by June. Plant two feet apart in the row. Strong 1 year, flowering plants, 5 for **\$4.00**; 10 for **\$7.50**; 30 or more at 60c each.



Grow Chrysanthemums

from Disease-free Plants

A new scientific culture has revolutionized chrysanthemum growing in both greenhouses and gardens. By planting our inexpensive rooted cuttings, taken from disease-free greenhouse plants, starting them in late May or early June, you can produce an autumn display of color rivaling the finest summer spectacles.

Our small, but healthy and vigorous cuttings grow without a check during favorable summer weather and by flowering time, if properly pinched (pruned) each will make a large, branching plant covered with flowers. Full cultural instructions sent with each order will explain the method of pinching to produce more blooms and control the height and shape.

First Year Plants, Disease Free, safely packed and prepaid.
Not Less Than 5 plants in minimum order.
Each 35c; 5 or more of 1 variety, each 25c.



ELITE CUSHION

BRONZE & RED

- CH121 BRONZE QUEEN.** Copper bronze cushion pompom type, growth very compact
- CH122 CAPRICE.** Large full decorative, deep apricot bronze, bushy semi-dwarf growth
- CH123 DOLLI-ETTE.** Medium spoon, golden bronze
- CH124 ELITE CUSHION.** Cushion, Salmon bronze
- CH125 FLAMBOYANT.** Decorative, flaming orange bronze



LIPSTICK

- CH126 FOOTBALL BRONZE.** Bronze buff
- CH127 LIPSTICK.** Cushion, ruby orange red, one of the better red cushion varieties
- CH128 MOROCCO.** Dwarf cushion type, deep red
- CH129 ORSONA.** Reddish bronze pompom
- CH130 REMEMBRANCE.** Decorative, dark carmine red

Prices each 35c—five or more of one variety 25c each—minimum order not less than 5 plants.

Ten Mum Plants \$2

Postpaid for

10 disease free first year plants of top-grade named varieties of our selection, including pompons, buttons, spoons, azalea-like (cushion) and decorative types with cultural instructions. Planted before June 15 and properly pinched will make vigorous, large, free flowering bushes. A fine sample planting.



GOLDEN SUNSET

YELLOW

- CH106 GOLDEN FANTASY.** Bright golden carnation type, large decorative
- CH107 GOLDEN SUNSET.** Large decorative type, copper gold
- CH108 KINGS RANSOM.** Golden yellow decorative, excellent grower with an abundance of flowers.
- CH109 PATHFINDER.** Large decorative type serrated petals, deep lemon yellow, outstanding
- CH110 POMPONETTE.** Orange yellow Pompom of medium size, low growing



YELLOW BLANKET

- CH111 YELLOW BLANKET.** Small yellow button, medium height type
- CH112 YELLOW CHRISTOPHER COLUMBUS.** Medium large decorative pompom, bright lemon yellow
- CH113 YELLOW SPOON.** Very artistic spoon type flowers

Prices each 35c—five or more of one variety 25c each—minimum order not less than 5 plants.



WHITE CLOUD

WHITE

- CH101 CHRISTOPHER COLUMBUS.** Large decorative pompom, cream white
- CH102 JESSAMINE WILLIAMS.** Quilled type spoon white
- CH103 OSTOSA.** Large white, low growing
- CH104 PRINCESS KAY.** Heavy textured, pure alabaster, white
- CH105 WHITE CLOUD.** Decorative type, beautiful clear white

Prices each 35c. Five or more of one variety 25c each Minimum order not less than 5 plants.

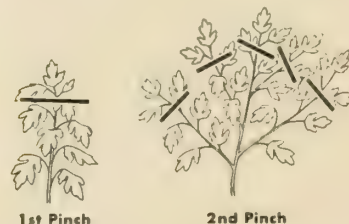


COQUETTE

PINK

- CH114 COQUETTE.** Cushion type, rosy pink
- CH115 JOYOUS.** Cushion decorative, lavender pink
- CH116 MINNPINK.** A lovely rose pink cushion
- CH117 MISCHIEF.** Small purple daisies with prominent yellow centers
- CH118 ORCHID SPOON.** Orchid lavender spoon
- CH119 PURPLE CUSHION.** Medium decorative, purple flowers
- CH120 REFLECTION.** Rosy lavender, large flowering decorative

Prices each 35c—five or more of one variety 25c each—minimum orders not less than 5 plants



1st Pinch

2nd Pinch

PINCHING MUM PLANTS

The first pinch should be made about 10 to 14 days after planting (see illustration). By pinching you make the plant branch, control height, and shape and produce more blooms.

The second pinch should be made 3 weeks after the first pinch. If you desire low bushy plants for the border a third pinch should be made during last week of July. For taller or cut flower purposes make only two pinches, but in no case should the last pinch be made in Northern states later than the last week of July.

New Flowers and Specialties



Two Exclusive Vaughan Introductions for 1959



Most Beautiful Pink Petunia

4085 PETUNIA PINK DESIRE. Fl grandiflora. Since Mendel's law was applied to the improvement of plants, geneticists have made rapid and amazing progress in many fields. In Fl hybrid petunias of the grandiflora type, the improvement of garden flowers has reached its peak. In size they are the largest, in color most uniform and unfading, in vigor of growth and abundance of flowers they excel all other petunias. Pink Desire, exclusive introduction of Vaughan's Seed Company for 1959, is an outstanding product of this scientific skill, which is none the less great, though it produces for us more beautiful flowers, rather than guided missiles. Pink Desire bears large ruffled flowers of clear bright pink, which bloom early on compact plants of uniform habit. Rich, bright color, freedom of bloom, and early flowering, continued through the summer, make this variety the finest of all pink petunias. Give it a prominent place in your garden. Pkt. 50c.

Illustrated on Front Cover

Viola F2 Toyland and Trysomic 7 Weeks Stocks

Extensive trials of these lovely flowers during the last two summers proved that both produced abundant blooms despite high temperatures and low rainfall.

The violas are from seed borne by Fl hybrid parents, a generation always rich in color variations, including not only the colors of their parents, but of remote ancestors, yet always harmonious and well balanced. Mahogany red, gold, apricot, blue, purple, violet black and white were included in round blooms, 2 inches across, gracefully waved and borne with typical hybrid vigor on sturdy compact plants.

The 7 weeks Stocks are extremely early, exceptionally heat resistant, and the color range is brilliant, white through pink and rose to crimson, dark blue and purple

8580 VIOLA F2 TOYLAND, Pkt. 35c.

4930 STOCKS 7 WEEKS MIXED. Pkt. 35c.

Most Beautiful White Petunia

4087 PETUNIA ARISTOCRAT. Fl Grandiflora.

White flowers have the merit, wherever they are grown, of attracting admiration both to themselves and their companions in the garden. No white flowers you can grow will produce both effects so beautifully as petunia Aristocrat. Because of its compact growth, the size and abundance of its blooms, its vigor and long flowering season it is an ideal flower for planters and window boxes, or ribbon planting against contrasting background. Pkt. 50c.

With the Beauty of Scotch Heather

245 ALYSSUM PINK HEATHER. All America

Bronze Medal 1959. Like its Scotch namesake this new alyssum has blossoms of soft lavender pink which develop a deeper tone when the weather is cool. It truly comes into its own in the early days of autumn. The plants average 6 inches high and are uniform and compact. It is a profuse bloomer from earliest summer well into the fall. An interesting new color for edging or use in the garden border. Pkt. 50c.



245 ALYSSUM PINK HEATHER, Pkt. 50c.



4082 Petunia Maytime. F1 hybrid. Pkt. 50c.

Salmon Pink Petunia

4082 PETUNIA MAYTIME (F-1 hybrid). With the selection of Petunia Maytime as the All America Bronze Medal winner for 1958, the judges made available to the gardening public a truly outstanding soft salmon pink that is but slightly deeper than the popular Linda. Large flowers, freely produced on vigorous compact plants give evidence of its hybrid qualities. Wherever used, either in the garden border, window box or in beds for mass effect, the result is most pleasing and satisfactory. Pkt. 50c.



Panorama Snapdragons Include All the Family Colors

441 SNAPDRAGON PANORAMA. F2 generation. These are the children of F1 hybrids and among them are not only the colors of the parents, but of their grandparents and more remote ancestors in a mixture guaranteed by Mendel's law to be well balanced.

An F2 generation is a treasure chest in which plant breeders search for and often find colors which they did not know existed. It is the origin of most new varieties. There may be in the packet which you buy colors unknown to the seed catalogues.

Colors which you can be sure of include velvety red, canary yellow, soft orchid and rose pink. Plants will grow from 24 to 32 inches tall. All the plants inherit exceptional vigor and were bred to withstand the summer weather of the east and middle west. You will enjoy the robust, healthy, free blooming plants and acquire an improved opinion of snapdragons. Pkt. 35c.



Petite Marigolds

Tradition was set aside when the judges awarded the All America Bronze Medal to a group of three Marigolds. Only in color do they differ. In plant habit and freedom of bloom, as well as earliness, they are identical. A fourth color "Petite Yellow" has been added to the group, thus completing the color range.

Especially bred for uniform dwarfness, earliness of flower and abundance of bloom, the Petite Marigolds combine qualities that make them the most valuable for border and mass effect. Early to flower, the full-double blooms are borne in great profusion all summer, as many as 50 blooms at a time on one plant. 6 inches tall with a plant spread of 10 inches.

3116 MARIGOLD PETITE YELLOW. **3117 MARIGOLD PETITE GOLDEN.**

3118 MARIGOLD PETITE HARMONY.

3119 MARIGOLD PETITE ORANGE. **3120 MIXTURE OF ALL FOUR.**

Each of the above: Pkt. 35c.



Stately Pentstemon

3920 PENTSTEMON SENSATION MIXED. Long neglected by the home gardener, this "old-time favorite" has again come to the front. This reselected strain has large flowers, freely produced on stems that are straight and stiff, yet graceful in appearance, making them an ideal cut flower. Will bloom over a long season - we had them in flower at our trials from late June until killing frost—and we find they are quite at home under middle west conditions of heat and drought. An outstanding and interesting range of color. 2½ ft. Pkt. 25c.



1443 CELOSIA TOREADOR, Pkt., 25c.

1443 CELOSIA TOREADOR. 18 in. Large velvety combs up to 12 inches across, of lustrous bright red with scarlet highlights. Stems are stiff and sturdy with luxurious bright green foliage. Most plants produce but one stem with one enormous comb, the balance having two or three base-branching stems each with a large comb. Excellent as a bedding plant or for cutting. Holds color well when dried, if stored in a cool dry place away from sun. We suggest combining with Marigold Cupid Primrose (3196), for an unusual effect. Pkt. 25c.



Triple Angel's Trumpet

2112 ANGEL'S TRUMPET IVORY KING (DATURA). "Crown-in-crown" flowers of that enchanting rich Golden ivory coloring one finds in antique ivory chessmen, which blends perfectly with all other colors. Ivory King is a vigorous growing annual that is in bloom from mid-July until frost. Plants about 30 in. tall, as broad as they are tall. Pkt., 35c.

CAUTION: Seeds of the **Castor Bean** (*Ricinus*) and **Angel's Trumpet** (*Datura*) are poisonous and every care should be taken to keep them away from children who are attracted to them by their bright appearance.

Rosy Bachelor Buttons



1515 CENTAUREA CYANUS DOUBLE ROSIE. Large fully double flowers of rich rose with a salmon overcast. A new color and welcome addition to the Super Giant Cornflowers. 3 ft. Pkt., 25c.



Pure Gold Celosia

1451 GOLDEN FLEECE. A pure gold with tremendous plumes for garden and cutting. Easily grown, thrives in all locations and does exceptionally well in hot summers. 2½ ft. Pkt., 25c.

For the difficult spot in your garden, try Coleus Vaughan's Rainbow Mixture. Does well in shaded and semi-shaded locations where protection from the bright sun brings out the rich colors. Take a few cuttings from your plants to grow on in the house for winter flowering.



Pink Morning Glory

2945 MORNING GLORY CANDY PINK. The first pure pink Morning Glory. Large 4 inch flowers of the brightest rose-pink coloring, clear and sparkling. The bright and cheerful flowers last but one day, though each morning masses of new flowers are born and continuing thus throughout the Summer and until frost. Planted alone, or as a companion to Heavenly Blue Morning Glory this lovely flower will provide a spectacular display when grown on a trellis, or allowed to trail from a planting box or the top of a pillar. Pkt., 25c.



3157 VAUGHAN'S SPECIAL MIXTURE SMALL FLOWERED SORTS. Pkt., 25c.

All the Dwarf Marigolds

A delightful group of highly decorative small flowered marigolds has been developed in the last few years. The increased color range extends from bright yellow to darkest maroon, with many attractive blends of yellow, red and orange. Their great variety lends interest to bowl arrangements and there is no better subject for the cutting garden than a mixture of small flowered marigolds.

3157 VAUGHAN'S SPECIAL MIXTURE of small flowered marigolds, including Gnome, Red Head, Naughty Marietta, Royal Scot, Harmony, Melody, Yellow Pigmy, Scarlet Glow, Robert Beist and others Pkt., 25c.



3147 MARIGOLD CRACKERJACK, Pkt., 35c

New Giants

3147 MARIGOLD CRACKERJACK. Giant blooms, all of which exceed 5 inches in diameter in a full range of Marigold colors—primrose through yellow to gold and brilliant orange. The compact plants attain a height of 30 to 36 inches and carry the giant blooms in full view above the foliage. Flowers well in advance of Early Sunset Giants. A noticeable lack of single flowers, earliness and freedom of bloom combine to make this new Giant Marigold a popular addition to the garden where it can be used for background as well as cutting. Pkt., 35c.



3183 MARIGOLD DAINTY MARIETTA. Pkt., 25c.

Dainty Dwarf Single

3183 MARIGOLD DAINTY MARIETTA. With all the charm of popular Naughty Marietta, which it resembles, this petite cousin differs most attractively in size and coloring. Its more compact growth and 10 inch height make it ideal for ribbon planting, yet the stems are long enough for cut flowers. Soft golden yellow blossoms 2 inches across have a maroon blotch at the base of each petal. The crested center can best be described as a small yellow tuft of closely packed wax-like petals with a generous sprinkling of black pepper. In our trials it was in full flower in early July and still gay in late September. Pkt. 25c.

A Gem for Cutting and Edging



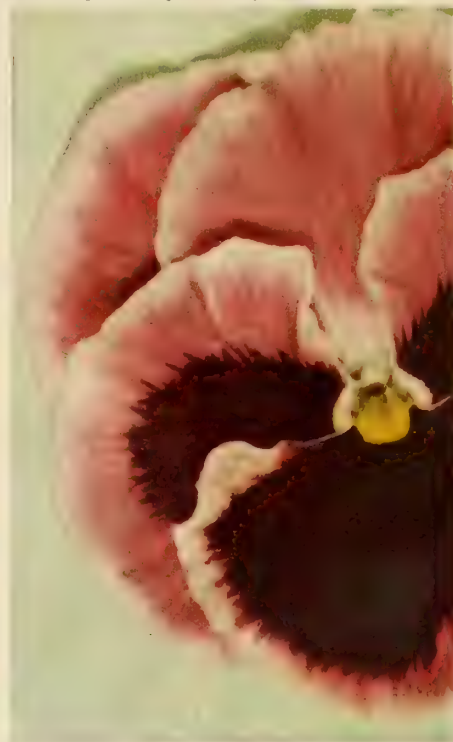
3172 MARIGOLD PRIMROSE GEM. A cool, fresh primrose yellow—like captured spring sunshine. Fully double flowers smother the round compact plants. One of the earliest Marigolds to flower, yet was still in bloom when frost came. Plants are about 10 inches tall, perfect for a medium-low edging. Delightful with Blue Ageratum. Equally fine for cutting, as flowers measure 2 to 2½ inches across. Pkt., 25c.



3137 MARIGOLD GLITTERS. Pkt., 25c.

Big Flower, Small Bush

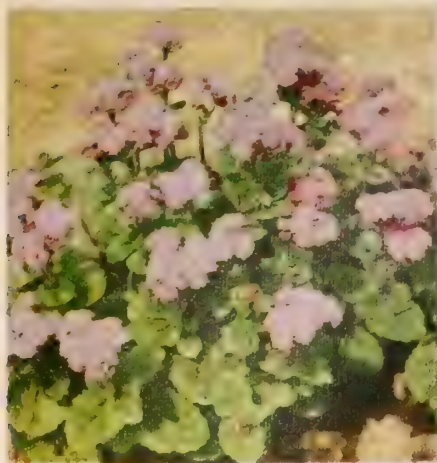
3137 GLITTERS. All America Bronze Medal 1951. It has large clear yellow double chrysanthemum flowered blooms, bushy erect plants, 2½ ft. tall with long cutting stems. Foliage dark green, rich background for the 3 to 4 inch flowers of clear yellow with fringed outer petals. Pkt., 25c.



One of the Largest, a Pink Pansy

3901 PANSY SWISS GIANTS RASPBERRY ROSE.

Pink is a rare color among pansies. This lovely variety is a Swiss Giant, of which the blossoms can be grown to exceed 6 inches in diameter. The color is well reproduced by the illustration; the experts call it raspberry rose. Edges of the petals have a lighter tone, and this, together with the dark velvety blotches on the petals, enhances the charm of the flower. A solid bed of this variety, planted in the shade, can be kept blooming all summer, if the faded flowers are kept picked off. Pkt., 35c.



225 AGERATUM DWARF GIANT BLUE TETRA, Pkt., 35c.

Tetraploid Ageratum

225 AGERATUM DWARF GIANT BLUE TETRA. (*Blue Mink*) 5 to 6 in. A true "tetra" with unusually large flowers, borne on stiff stems that hold them well above the foliage. Grown from seed, the plants are uniform and compact, comparing favorably with the varieties *Riverside* and *Cardinal Mundelein* which are propagated from cuttings. A row of this in our Western Springs Trials was a sheet of true Ageratum-blue. While the stems rise well above the foliage, they are not conspicuous, still are long enough to permit cutting for use in low bowls and flower arrangements. Pkt., 35c.

"Spider Plant" in the Background

1803 CLEOME PINK QUEEN. 4 ft. Huge heads of delightful and refreshing true pink. Well branched, airy foliage, blooming from June until frost. Excellent background subject. Pkt., 25c.

1804 CLEOME HELEN CAMPBELL. Large glistening pure white flowers on tall, vigorous, light green stems. A sport from *Pink Queen*, coming into bloom slightly earlier and with larger flowerheads. 4 ft. Pkt., 25c.

1805 CLEOME MIXED. Includes the above two and a new soft lavender purple. Pkt. 25c.



1803 CLEOME PINK QUEEN, Pkt., 25c.



4180 PHLOX TWINKLE DWARF STAR MIXED. Pkt., 35c.

Twinkle, Little Star Phlox

4180 PHLOX TWINKLE DWARF STAR MIXED. (ALL AMERICA BRONZE MEDAL 1957) This name just fits these little flowers, which cover plants that grow 8 inches high and are slightly flattened on top. The tiny flowers have pointed petals, some zoned with contrasting colors, others with colorful eyes. Colors range from light pink through salmon, rose, rose-pink, mauve, white, wine-red, cerise and crimson in dazzling combinations. This is a flower for edging beds and borders, or planting in masses in front of taller beauties. It decorates pots and window boxes brilliantly. Pkt. 35c.



4174 PHLOX BEAUTY MIXED. Pkt., 25c.

Largest Flowering Dwarf Phlox

Beauty Phlox has the largest flowers of any. It grows round compact bushes 6 to 8 in. in height, covered with large blooms which are almost twice the size of the older strains. The colors are clear and soft, many pure self colors. Sow the seeds directly where they are to grow. Seeds germinate in 20 days.

4166 BLUE BEAUTY **4169 PINK BEAUTY** **4170 SALMON BEAUTY**
4171 SCARLET BEAUTY **4173 WHITE BEAUTY**

4174 BEAUTY MIXED. A formula blend, including all colors shown in our illustration.

Each of the above, pkt., 25c.



American Giant Pansies

3910 PANSY COLOR CARNAVAL. An American bred strain with its hybrid vigor that far surpasses the Swiss Giants in size of flower, depth of color and plant habit. A good range of color including many reds and scarlets, all flowers blotched, giving a brilliancy and depth most satisfying to all. Pkt., 35c.

Reddest of all Salvias

4669 SALVIA ST. JOHN'S FIRE. Our own re-selected strain coming into flower early, while the plants are but a few inches tall, and remaining in bloom until frost. The bright scarlet spikes stand densely and rigidly upright above the foliage on the uniformly compact plants. Pkt., 35c.

Salvias are easily grown from seed started in a cold frame, electric-heated hot-bed, or an indoor seed box in a sunny window. Varieties of the species *splendens*, to which *St. John's Fire* belongs, are tender and should not be set out in the garden until danger of frost is over. An excellent way to grow the plants is in plant bands, in which seed are sown, or seedlings are transplanted from the seed box as soon as they have made true leaves. Seed germinate in 15-20 days. Start seed in the house four weeks before the safe date to move outdoors, six weeks before this date if grown in an electric hot-bed.



4669 SALVIA ST. JOHN'S FIRE. Pkt., 35c

3910 PANSY COLOR CARNAVAL, Pkt., 35c.

Petunias for Color

PETUNIA F-2

COLORAMA (Nana Compacta Mixed)

Home Gardeners Love This Petunia

4033 PETUNIA COLORAMA. 15 to 18 in. Home Gardeners have showed us that they are fussy about colors in mixed flower seed. In the past, they have not liked mixtures of separate varieties of F-1 Petunias because the individual items stand out and don't form a harmonious blend.

Colorama is a blend grown to give a complete color range, without clashing contrasts, with all the good qualities of F-1 Hybrids.

Uniform in height, early flowering and vigorous in growth, Colorama produces 2½ to 3 inch flowers ranging from pure white to light and medium salmon, warm scarlet, scarlet-salmon, fiery red, light and medium pink and rose. Some have gold or topaz throats, yet harmonize perfectly with the clear colors. Shades of blue, starred and various bicolor shades are also produced, yet do not seem out of place with other colors.

We consider this to be the outstanding Petunia mixture to date. Pkt., 35c.



Best All-Double Pink

3949 COLOSSAL SHADES OF ROSE. 18 in. Largest All-double variety of American introduction. Silver Medal 1946. Plants of luxuriant growth bear 4½-inch flowers in abundance, varying in color from light pink to deep, purplish rose some being fringed and some plain-edged. Lovely in bowl arrangements. Pkt., \$1.00.



Linda, illustrated above, is representative of the freedom of bloom of the F-1 Bedding varieties.

F-1 Grandiflora Varieties (Large Flowering)

Base branching, compact habit, free flowering. Flowers average 3½ to 4 inches across on plants 15 to 18 inches tall.

- 4046 FIRE DANCE.** Salmon red, golden yellow throat.
- 4033 SERENADE.** Velvety dark blue, cream-white stamens for contrast.
- 4034 PRIMA DONNA.** Bright rose pink.
- 4037 LA PALOMA.** Pure white, yellow throat.
- 4061 BALLERINA.** Soft glowing salmon.
- 4059 SABRE DANCE.** Bright crimson and white, most with a white star pattern.
- 4060 SCARLET LUSTRE.** Brilliant scarlet-red high-lighted by a rich yellow throat.
- 4080 TANGO.** Deep salmon shading to scarlet-salmon nearer throat.

Each of the above: Pkt., 50c.

F-1 Bedding Varieties (Multiflora)

Flowers of good size freely produced on compact bushy plants, providing a wealth of bloom through the season. 15 in.

- 4010 LINDA** (Improved Silver Medal). Rich salmon-pink.
- 4012 SATELLITE.** Bright rose with perfect white star
- 4013 APACHE.** Bright rose red.
- 4014 COMANCHE.** Deep scarlet red.
- 4016 PALEFACE.** Pure white.
- 4026 AZTEC.** Scarlet salmon with gold throat.
- 4027 INCA.** Bright rose-red with gold throat.
- 4028 RED SATIN.** Vivid, shining scarlet-red
- 4029 GLITTERS.** Rich Fire Chief red background with distinct white stripe.
- 4031 SIOUX.** Medium salmon rose.
- 4034 PINK SATIN.** Brilliant rose pink.

Each of the above: Pkt., 50c.



Scarlet Lustre is representative of flower type of the F-1 Grandiflora Petunias.



5780 VINCA LITTLE PINKIE. Pkt., 25c.

Dwarf Rose Periwinkle

5780 VINCA LITTLE PINKIE. 8 to 10 in. A dwarf selection of Periwinkle in a rich rose color. Plants are dwarf and compact. Very free flowering. Holds up well under heat and sun; equally good in shade. Suggest seed be sown indoors and small plants set out after danger of frost. Seeds may be sown in February or March in living room temperature. As soon as the seedlings are large enough to handle, they should be transplanted into plant bands or small pots and kept in the house until all danger of frost is over. This is a tender perennial from Madagascar, usually treated as a tender annual. It flowers all season until killed by frost. Pkt., 25c.



6037 ZINNIA ROSIE O'GRADY. Pkt. 25c.



6175 ZINNIA MERRY-GO-ROUND. Pkt. 25c.



5880 ZINNIA BLAZE. Pkt., 25c.

New Giant Cactus Flowered Zinnias

This new strain of zinnias, whose giant flowers, 5 inches or more across, have charmingly irregular petal formations and arrangement, becomes increasingly important with the selection of more single colors which come true from seed, and have a special soft but brilliant pigmentation.

The petals of these flowers resemble those of dahlias of the cactus and semi-cactus classes. Some petals are attractively quilled, others gracefully curled, and all are different from the rather stiff formality prevailing in zinnias of older strains.

Our Color Illustration of Zinnia Blaze is representative of flower type

5880 BLAZE. Brilliant mandarin-red flowers which soften to scarlet-orange as flowers attain size. Pkt., 25c.

6039 ESKIMO. Opens creamy white, changing to pure white. Pkt., 25c.

5857 FLORADALE SCARLET. Intense scarlet red. Pkt., 25c.

6038 RIVERSIDE BEAUTY. Warm azalea-pink. Pkt., 25c.

6040 SUNNY BOY. Rich butter-cup yellow. Pkt., 25c.

6035 CACTUS FLOWERED MIXED (Giant Burpee Hybrids). A truly outstanding blend which includes color never before found in Zinnias. Many lovely pastels, all with irregular petal formations, some quilled, others curled but all lend themselves gracefully to flower arrangement. Pkt., 25c

New Zinnias for Cutting

6037 ZINNIA ROSIE O'GRADY. A distinctive bicolor, deep rose center shading to a soft rose at the outer petal. Attractively curled and twisted petals are characteristic of the graceful informal appearance of the Giant Cactus Zinnia. Pkt. 25c.

6175 ZINNIA MERRY-GO-ROUND. Cactus type flower freely borne on dwarf bushy plant. The flowers are large, 3 to 4 inches in diameter while the petal arrangement is unusual. Spire-like in appearance they give the impression of turning motion. The base of the petal will vary from brilliant fire-red to clear deep purple, dazzling scarlet red and many in bright shades of pink, salmon and rose. The outer third of the petal is a sparkling gold or clear white. A real bicolor with its sharply contrasting colors. Pkt. 25c.

6030 ZINNIA PINK LADY. A new color in Giant Zinnias. Shrimp pink center and cream or buff outer petal. This new bicolor has large flowers that are flat in appearance, long stems with a grace that lends it to flower arrangement. A delicate combination of color that readily blends with even the most vivid pinks and blues. Pkt. 25c.



Gay Candy Striped Zinnias

6180 ZINNIA PEPPERMINT STICK MIXED. An interesting development in the popular striata or striped type, reselected for a wider color range, including red and white, pink and white, orange and white and purple and white. Plants are somewhat taller than the Pumila type, flowers are medium sized. Early to flower, they are produced in profusion until frost if kept picked. Pkt., 25c



Left to right: **BLACK KNIGHT**, **GUINEVERE**, **GALAHAD**, **SUMMER SKIES**, **KING ARTHUR**.

Loveliest Columbines



7162 AQUILEGIA McKANA HYBRIDS.
Pkt., 50c.

7162 AQUILEGIA McKANA HYBRIDS. 3 ft. Bronze Medal All America Selections 1955. A truly outstanding strain of rich colored, large flowering Columbine. Larger flowers, longer spurs and a much richer color range make this an important addition to the perennial group for garden and cutting. Strong bushy plants with striking terminal flowers well supported on long wiry stems above the lacy foliage.
SEED. Pkt., 50c

PLANTS. 3 for \$2.00; 10 for \$6.25

7156 AQUILEGIA LONG SPURRED CRIMSON STAR HYBRIDS. The brightest red Columbine, long spurs and outer petals rich crimson, center petals white; about 10% will be other interesting bicolors. Three-inch flowers on 2-foot stems.
SEED. Pkt., 25c.

PLANTS. 3 for \$2.00; 10 for \$6.25

Chinese Larkspur and Sweet William

Illustrated on the right is a charming combination planting of the navy blue Chinese larkspur Blue Mirror and a new annual sweet william Wee Willie. Both blossom from seed the first year.

Wee Willie is a distinctly new strain of annual sweet william which is extra dwarf and compact in habit, making it an ideal edging plant. It has single flowers 3-4 inches in diameter, borne in clusters of 4 to 6 flowers. There are self, zoned and edged flowers in combinations of crimson, ruby, deep rose pink and white. The first flowers open when the plants are about 2 inches tall. Flowers reach their peak 7 to 8 weeks after sowing. Plants are 4 to 6 inches in height, 4 inches across. Their bright colors are enhanced by the deep navy blue flowers of Blue Mirror.

2240 ANNUAL SWEET WILLIAM WEE WILLIE. Pkt. 35c.

7523 CHINESE LARKSPUR BLUE MIRROR. One of the few true navy blue flowers. Pkt. 35c.

Other Chinese Larkspur

Though Chinese larkspur (Delphinium) blooms from seed the first year if sown early it is a hardy perennial which will live for many years. Its flowers are borne on numerous stems which grow 2 to 3 feet tall and new buds mature throughout the summer and fall. Their pure tones of light and dark blue are not only beautiful in themselves but lend added charm to other colors for which they furnish a background. They are also used in mass plantings in formal beds with borders of harmonious colors. Their strong stems rarely need staking.

7520 CHINESE BLUE. 2-3 ft. Gentian blue. Pkt. 15c.

7525 —ALBUM. 2-3 ft. Pure white. Pkt. 15c.

7522 —CAMBRIDGE BLUE. A good light blue. 2 to 3 ft. Pkt. 25c.

7530 —MIXED. Pkt. 15c.

GIANT Delphiniums

Culture: B, D or E, Page 57

Because of superiority to other strains, in many important points, Pacific Hybrid delphiniums have become by far the most popular in this country. We offer its named varieties with the assurance that they come so true from seed, you may count upon plants with little if any variation from the variety description. Plants are 60 to 65% mildew resistant. The stems are straight, strong and whippy, not easily broken by wind. Flowers are enormous, and set close together forming lovely plumes of color. Hybrid delphiniums dominate the garden in late June. In deep, rich soil they grow six feet or more tall, with long spikes of vivid color, or clear white. Besides the Pacific Giant hybrids we offer others which in our opinion are the best available in the world. Seeds germinate in 20 days

7535 ASTOLAT. Flowers in varying tints of blush pink, true pink and mulberry pink, all with dark bees. Pkt., 75c.

7559B BLUE BIRD. A clear medium blue with white bee.

7563 BLACK KNIGHT. Varying dark violet shade.

7559A BLUE JAY. From medium to dark blue with dark bee.

PLANTS: 3 for \$2.50; 10 for \$8.00.

7563A CAMELIARD SERIES. Pure lavender white bee.

7560 GALAHAD. Clear white, mildew resistant.

PLANTS: 3 for \$2.50; 10 for \$8.00.

7561 KING ARTHUR. Royal violet, large white bee

7565 PERCIVAL. Large glistening white flowers with contrasting black bees.

7561A GUINEVERE. Light pink lavender, white bee.

PLANTS: 3 for \$2.50; 10 for \$8.00.

7562 SUMMER SKIES. Light blue with white bee.

PLANTS: 3 for \$2.50; 10 for \$8.00.

7559 ROUND TABLE SERIES. A blend which includes all the above color combinations.

PLANTS: 3 for \$2.50; 10 for \$8.00.

EACH OF ABOVE EXCEPT AS NOTED.

SEED. Pkt., 50c; 2 pkts., for 90c.

PLANTS AVAILABLE ONLY WHERE PRICED

Below: 2240 DIANTHUS Wee Willie and

7523 DELPHINIUM Chinese Blue Mirror.

Each Pkt. 35c.



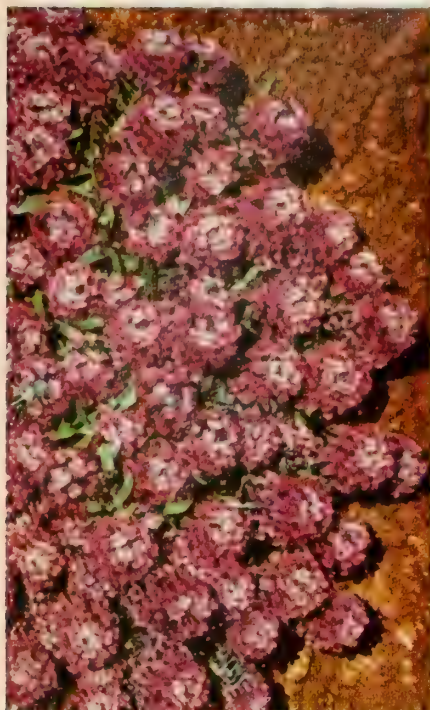
7535 DELPHINIUM ASTOLAT. Pkt., 75c.



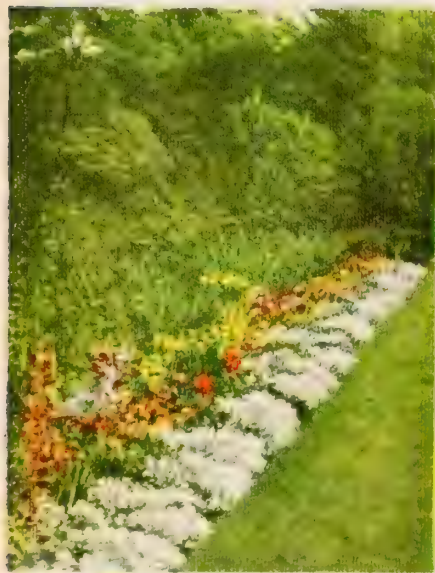
Selections that Belong in Every Garden

In the following color pages, we have concentrated the best of America's most popular annuals. These are flowers that belong in every garden. Easy to grow, lovely to look at, annuals that produce their flowers in one short season from seed.

Because of dual listings, we suggest that in looking for an annual of which the name is known, you consult the index.



265 ALYSSUM Royal Carpet. Pkt., 25c.



255 Ribbon Planting of Vaughan's ALYSSUM Carpet of Snow. Pkt., 15c.

ANNUALS FOR FRAGRANCE

| | | |
|------------|------------|------------|
| Alyssum | Heliotrope | Petunia |
| Candytuft | Lantana | Scabiosa |
| Carnation | Matthiola | Stocks |
| Centaurea | Mignonette | Sweet Peas |
| Imperialis | Nasturtium | Wallflower |
| Dianthus | Nicotiana | |

2118 FRAGRANT ANNUALS MIXED. A mixture of the above varieties. Pkt., 25c.

4746 ANNUALS FOR SHADE MIXED. Pkt., 25c.

Alyssum for Fragrance in the Border



259 ALYSSUM Violet Queen. Pkt., 15c.

Alyssum Spreads a Violet Carpet

265 ALYSSUM ROYAL CARPET. 4 in. All America Silver Medal, 1953. A rich violet-purple of compact spreading habit. Remarkably uniform in color and growth, the perfect companion to Vaughan's Carpet of Snow. Coming into flower very quickly and lasting throughout the entire season. Pkt., 25c; 1/4 oz., 75c.



Amaranthus

Culture: A, B, D or E, Page 57

275 TRICOLOR (JOSEPH'S COAT). 2 1/2 ft. The inner foliage is blackest bronze, tipped with green, the outer bright scarlet and gold. Pkt., 15c.

4574 ANNUALS ROCK GARDEN VAUGHAN'S SPECIAL MIXTURE. A carefully prepared mixture of low growing, many colored, free flowering annuals, which will supply color in your rock garden all summer. Pkt., 25c.

IDEAL EDGING PLANT

For ribbon planting, or edging beds and borders the white, lavender-pink and violet alyssums are ideal. Fragrant, dwarf, bushy, everblooming, and easy to grow from seed sown direct, they never fail to delight!

Culture: A, B, D or E, Page 52

Seed germinates in 5-10 days

255 VAUGHAN'S CARPET OF SNOW. 4 in. The plants are so completely covered with a froth of tiny snow-white blossoms they create the impression of a beautiful white carpet. Sweet Alyssum puts a lace trim to any garden and enhances the colors of every flower. 1 oz., \$1.80; 1/2 oz., \$1.00; 1/4 oz., 55c; pkt., 15c.

250 MARITIMUM (Sweet Alyssum). 10 in. Flowers white and honey-scented, produced from early in the season, until freezing. Not recommended for

edging, but for fragrance and mass effect. Mix the seed with sand to prevent sowing too thickly. Pkt., 15c.

259 VIOLET QUEEN. 6 in. A beautiful, fragrant sweet Alyssum, of bright clear violet hue, holding its colors through the hottest, driest summer. Can be sheared like white Alyssum and grows luxuriantly, covered with bloom from early summer to freezing. It flowers in 45 days from seed in the open. 1/4 oz., 35c; 1/2 oz., 60c; 1 oz., \$1.10; 1 oz., \$2.00; pkt., 15c.

256 VIOLET & WHITE MIXED. Pkt., 25c



195 AGERATUM Midget Blue. Pkt., 25c.

Ageratum

Culture: A, B, D or E, Page 57

One of the best sources of blue-purple flowers which are so important to balance color-effects in the garden. Its dense, tightly clustered heads of tubular flowers are borne freely until killing frost. Germinates in 5-10 days

195 MIDGET BLUE. 3 in. Of varieties suitable for ribbon-planting this is the most uniform in habit and even in color, when grown from seed. Flowers of ageratum-blue smother the globular plants. Pkt., 25c.

197 BLUE BALL IMPROVED. 6 in. Flowers are of deep periwinkle blue, covering the compact plants which have dark green foliage. Pkt. 25c.

214 FAIRY PINK. 5 in. A compact dwarf of soft salmon pink which begins to flower when 2 inches high and develops into a compact mound of bloom. Pkt., 25c.

BEGONIAS: For a complete listing see our list for the Home Greenhouse and House Plants From Seed. Page 55.

Wilt Resistant Asters

Culture A, B, D or E, Page 57

If planted in the garden among other plants, Asters do not seem as susceptible to disease as when planted in solid blocks. Wilt Resistant varieties are resistant to most of the Wilts that cause the seedlings to sag suddenly and die before they can bloom.

Aster Yellows are somewhat more difficult to control. Spraying with Lindane or D.D.T. to control leaf hoppers helps somewhat. Best preventative is to grow Asters inside a screen or cloth house such as is used for Dahlias. Plants in the open garden are subject to constant attack, so persistent, regular spraying is needed to kill the leaf hoppers that carry the disease. Aster seeds germinate in 8-10 days.



689 ASTERS Super Giant Mixed. Pkt., 25c.

SUPER GIANT 3 FT.

Spectacular in the garden and valuable as a cut-flower because of its long, wiry, non-branching stem and huge ostrich feather flowers. Blooms late summer to frost.

- 680 BEVERLY HILLS. Azure blue.
- 681 EL MONTE. Crimson.
- 682 HOLLYWOOD. Pure paper white.
- 683 PASADENA. Peachblossom.
- 684 SANTA BARBARA. Dark Purple.
- 685 LOS ANGELES. Shell pink.

Each of the above, pkt., 25c.

- 689 MIXED. A full range of color. Pkt., 25c.

GIANT BRANCHING 2 TO 3 FT.

The branching habit is accompanied by vigor of growth and profusion of bloom. The flowers are large, very double, stems long and colors vivid.

- 905 AZURE BLUE. 904 CRIMSON.
- Dark lavender. 901 WHITE.
- 903 DEEP ROSE. 902 SHELL PINK.
- 906 PURPLE. 908 SENSATION
- (SCARLET.)

Each of above, pkt., 15c; any 3 pkts., 40c.

- 898 MIXED. 1/8 oz., 50c; pkt., 15c.

Early Giant 1½ to 2 ft.

An early type of California Giants with very large flower and strong heavy stem.

- 544 EARLY GIANT MIXED. The fully double flower, with its long graceful petal, daintily plumed and intertwined is borne on long stems well suited to cutting or garden display. In a complete range of color, white, soft blues, rich rose, crimson and delicate pink. Pkt., 25c.

QUEEN OF THE MARKET (EARLY) 2 FT.

The favorite early Aster, usually in full bloom two weeks before most others begin to blossom. Of graceful spreading habit.

- 928 MIXED. Pkt., 15c.

Princess Asters

WILT RESISTANT

Vaughan's Princess Asters are characterized by full crested centers surrounded by several rows of guard petals, producing fully double flowers. Plants are branching. Early and free bloomers, they make splendid cut flowers. 2-2½ ft.

- 632 VAUGHAN'S MIXTURE OF PRINCESS ASTERS. Our own formula blend includes a complete range of the most popular colors. Pkt., 25c.

GIANT CREGO (Ostrich Feather) 2 ft.

The flowers are immense on long stems. The petals are curled and twisted, plants branching. Flowers in abundance from late August until frost.

- | | |
|----------------|-------------|
| 561 CRIMSON. | 565 PINK. |
| 563 DEEP ROSE. | 566 PURPLE. |
| 564 LAVENDER. | 569 WHITE. |

Each of above, pkt., 15c; any 3 pkts., 40c.

- 575 MIXED. 1/8 oz., 50c; pkt., 15c.

AN OLD FAVORITE

In the opinion of many it has never been surpassed.

- 929 HEART OF FRANCE. 18-24 in. Opens red as the purest ruby, deepens with age and retains its remarkable color to the very end. The petals show a soft warm velvety texture. Pkt., 25c.



949 ASTER RAINBOW MIXTURE. Pkt., 25c

Single Chinese Asters

Both in the garden and in the house these lovely daisy-blooms of vivid coloring are highly esteemed by advanced gardeners and florists

- 949 ASTER RAINBOW MIXTURE. 24 inches. A new strain of single asters producing large flowers of all colors of the rainbow, except yellow, including many tones of blue and violet, rose and crimson, but without flesh pinks or white. Pkt., 25c.

- 628 A MIXTURE OF ALL GIANT VARIETIES. A formula-blend which was first prepared for our Retail Stores where it fast became the favorite because of its large number of important and popular Giant Flowered sorts with a wide range of color. An outstanding value for the cutting garden or mixed bed or border. Pkt., 25c.

- 640 COLLECTION OF VAUGHAN'S WILT RESISTANT ASTERS, 75c. One packet each of six varieties. Giant Crego—569 White, 564 Lavender, 565 Pink, Giant Branching—906 Purple, 904 Crimson, 903 Deep Rose.



- 550 ASTER POWDERPUFFS. Tailormade for the home gardener, entirely different from the usual branching type. Imagine a ribbon of pink, azure, rose, crimson, white, scarlet and blue, so solidly made of 3 to 3½ inch fully double flowers the foliage cannot be seen. Plants 24 inches high, yet take less than 12 inches of space, all the flowers on top, as many as 20 per plant. August blooming, highly wilt resistant Pkt., 25c

556 BURPEANA MIXED.

An extra early long-stemmed variety snowy-white, shell pink, rose, crimson, blue, violet and purple. Globe shaped flowers, 3 to 4 inches, with attractive incurved petals, on long strong stems, ideal for cutting or garden decoration. 20 in. Pkt. 25c.



- 887 GIANT CALIFORNIA SUNSHINE MIXED. The flowers 4 to 5 in. across; are composed of a single row of loosely placed outer petals which contrast with the unique yellow quill-like center discs. Stems long and heavy on plants 2 to 3 ft. in height. Blooms early to mid-September. 1/4 oz., 75c; pkt., 25c.

5840 SURPRISE GARDEN SPECIAL MIXTURE

Trial packet of this famous mixture of Annuals. Pkt., 15c.

Newest Calendulas

Culture: A, B, D or E, Page 57



Arctotis (African-Daisy)

Culture: A, B, D, or E, Page 57

For Dry Sandy Soils. Seed germinates in 20 days

451 NEW HYBRIDS 8-12 inches. A new race resembling the famous Gerberas, but much easier to grow in the garden. Flower $2\frac{1}{2}$ to 3 inches; likes a dry, sunny location. Excellent as a border plant and fine for cutting. Pkt., 25c.



1057 BUSH BALSAM Rose. Pkt., 25c.

Irish Green Bellflower



1138 BELL OF IRELAND. Graceful 2-foot branching stems are so surrounded by 2-inch flowers there is little room for leaves. The bell shaped calyx of the flower is green and delicately veined, containing the white corolla. Both curious and beautiful. Strip stalk of foliage and leave only the delicate bell-shaped calyx, hang in cool dry place, as you would Strawflowers. It will then retain more of the true green color and prove an interesting addition to your bouquet of Everlastings. Pkt., 25c.



1212 CALENDULA Pacific Beauty Mixed. Pkt., 25c.

Quilled Calendula

1220 CALENDULA ORANGE QUILLS. $1\frac{1}{2}$ ft. Mid-orange flowers, $3\frac{1}{2}$ inches across of unique form. Petals open flat but soon begin to curl downward at the edges so as to meet underneath forming a quill. Pkt., 25c.

Bush Balsam

Culture A, B, D or E, Page 57

Free-flowering strain of bushy growth. Double flowers appear in clusters on the top of the plant like double roses, instead of hidden on side of stems. In white, rose and red. $1\frac{1}{2}$ to 2 ft. Seeds germinate in 15 days.

1057 ROSE. Delicate pink.

1055 WHITE REFLECTED ROSE.

1053 SCARLET. (Red)

1054 WHITE

Each of above, pkt., 25c; 3 pkts., 65c.

1051 MIXED. $\frac{1}{8}$ oz., 60c; pkt., 25c.

Balsam (Lady Slippers)

An old favorite producing short stemmed double flowers at the axils of the leaves. The plants like hot sun, rich soil and plenty of water.

1040 DOUBLE ROSE AND CAMELLIA-FLOWERED MIXED. $1\frac{1}{2}$ to 2 ft. $\frac{1}{4}$ oz., 35c; pkt., 15c.



1146 BRACHYCOME Mixed. Pkt., 15c.

Pacific Strain

At last, Calendulas can be had that will flower in spite of Summer heat. Flowers are larger, with longer stems. If sown very early in Spring and again July 1st, Calendulas can usually be had in bloom longer than any other annual. They are often the last annuals in bloom in the garden. Seeds germinate in 10 to 16 days.

1209 PACIFIC GOLDEN GIANT. 24 in. True gold-orange.

1208 — APRICOT BEAUTY. The attractive two-toned effect is more clearly pronounced than in the older type.

1210 — CREAM BEAUTY. Creamy-white deepening to soft yellow.

1211 — LEMON BEAUTY. Pure lemon yellow.

Each of the above Pkt., 25c; any 4 pkts., for 80c

1212 PACIFIC BEAUTY MIXED. A blend of the above described varieties Pkt., 25c. $\frac{1}{4}$ oz., 50c.

1206 Vaughan's Special Mixture. This is a well balanced mixture of the finest named varieties, including the giant variety Campfire, Pacific Beauty, the popular Chrysanthema strain and other fine varieties and types. In color they range from soft cream yellow to bright orange, giving a delightful collection for cut flower use, as well as for border display. They are selected for heat resistance, so give a longer season of bloom than most. Pkt., 15c.



English Daisy

BELLIS PERENNIS (6 to 8 inches)

Culture: C, Page 57

Double Giant Daisies which are hardy perennials but bloom quickly from seed. Remarkable effects are obtained when associated with Pansies or Forget-Me-Nots in beds or borders. Seed germinates in 5-10 days.

1131 MONSTROSA MIXED. Pkt., 25c.

Swan River Daisy

Culture: A, B, D or E, Page 57

Brachycome

A free-flowering, dwarf-growing annual covered during the greater part of the summer with a profusion of dainty flowers which resemble small Cinerarias, suitable for edgings, small beds or pot culture. Seed germinates in 8-12 days.

1146 MIXED. 12 in. All colors. Pkt., 15c.

Surprise!

GARDEN MIXTURE

If You Want a Thrill, Sow in Your Garden This Year This Mixture of 80 Different Annual Flowers, 1 to 3½ Feet Tall. Oz. 35c.



5848 SURPRISE GARDEN MIXTURE. Oz., 35c.

5848 VAUGHAN'S SURPRISE GARDEN OF ANNUALS is made up of sun loving annual flowers which will keep the garden gay from early summer until killing frost. It is not a collection of leftovers; but a carefully prepared formula of more than eighty different annual flowers, many of which you have never seen. We want you to know them, and you will be delighted to make their acquaintance and probably will want to order separately another year. Furnishes an unending amount of cutting material and a daily surprise to see what will appear next. Allow plenty of space to avoid crowding, keep watered and weeded, and remove faded flowers. These packets make welcome gifts. Oz., 35c; ¼ lb., \$1.25.

Garden Carnations

Culture: A or B, D or E, Page 57

Who doesn't love the spicy odor of the Carnation? Its beautiful blossoms may be grown from seed if sown inside and transplanted outside by the end of May. Seed germinates in 12 days. Plants bloom in fall and cut back will bloom again indoors.



1390 CARNATION VAUGHAN'S SPECIAL MIXTURE. Pkt., 35c.

1329 GIANT ENFANT DE NICE MIXED. 16 in. O! compact growth, the extremely stiff stems carry flowers 2¼ to 2¾ inches across without disbudding. A well-balanced blend including white, salmon, rose and red. Comes 75% true to color from seed and 90% double flowers. Pkt., 25c

1350 GIANT MARGARET MIXED. 16-20 in. Flowers measuring 3 in. or more; colors include white, pink, crimson and striped. Upright growth. Pkt., 15c

1331 J. M. BRIDGEFORD. English Giants. 1¼ ft. From seed sown indoors first color will show in four months. Long stems full double flowers 3 to 4 inches across of all Carnation colors, most fragrant of all Flowers throughout the summer. Blooms will be comparable to greenhouse grown sorts, if buds are removed to allow one flower to the stem. Pkt 35c.

1337 ORANGE SHERBET. (Chabaud Type). Deeply lacinated petals are striped and flushed with scarlet on an orange-apricot ground. Flowers are large, double and clove scented; freely borne on stiff stems, 15 to 18 inches high. Blooms in five months from seed. We recommend starting seed indoors and setting small plants out as soon as danger of frost is over. Pkt., 35c.

1390 CARNATION VAUGHAN'S SPECIAL MIXTURE. This is a mixture of the best strains. The plants will bloom the first summer and will produce many flowers equal to the best florist's Carnation. Pkt., 35c.



Canary Bird Vine

1250 A dainty vine 15 to 20 feet, with beautiful cut leaves and delicate flowers of a clear canary-yellow. From fancied resemblance to a bird the plant obtained its name. Does well in shade. Pkt., 25c.



1621 KOREAN CHRYSANTHEMUM HYBRIDS. Pkt., 35c.

Korean Mums

Culture: A, B, D or E, Page 57

1621 KOREAN HYBRIDS. 1¼ ft. These large, single flowers of many lovely colors can be flowered from seed the first year. Seeds germinate in 15 days. Pkt., 35c.



2690 HEARTS AND HONEY. The first color break out of Cardinal Climber. The flowers are 2 inches across and 2 inches deep, changing in color from pinkish orange to rose pink in a single day. Jaggedly cut leaves of deep clear green. Bloom through Summer until vines are killed by frost. Pkt., 25c.



1820 COBAEA SCANDENS. Pkt., 15c.

Cobaea (Cathedral Bells)

Culture: A, B, D or E, Page 5

1820 SCANDENS. One of the handsomest rapid growing climbers. The bell-shaped flowers turn lilac. Seed should be sown edgewise. They germinate in 15 days. Very vigorous and prolific bloomer. Pkt., 15c



GILBERT CELOSIAS

Celosia (Cockscomb)

Culture: A, B, D or E, Page 51

THE popular name is derived from the resemblance of the flower heads of the crested type to a cocks comb though in texture they are like plush or chenille

CRESTED SORTS Gilbert Varieties

While All Celosias may be dried, the Gilbert Varieties are particularly well adapted to this. A welcome addition to the Everlasting or Winter Bouquet.

Cut flowers at any growing stage, strip off leaves, hang head downward in a very dry, warm dark place. Do not let flower heads touch. Allow to dry two weeks. Any chaff may then be carefully rubbed off and flowers are ready for use.

1442 NEW PENNY. 2 ft. Remember the thrill of a "new penny" when you were a child? Here is that same "new penny" copper color in subtle shadings of salmon-orange, copper and red-gold. A favorite with flower arrangers for use in copper containers or for blending with rich purples and blues. Pkt., 25c.

1436 MAPLE GOLD. 3 ft. The heads are almost globular, and the dominant color is a golden maple, varying toward rose pink. The plants bear eight to twelve heads, increased if the center stem is pinched back. Do not feed Pkt., 25c.

1437 ROSE BEAUTY. 2 ft. Uniform bright rose pink on a silver base and should run 90% or better true to type. An excellent cut-flower Pkt., 25c.

1439 HARLEQUIN. 2 ft. Pinkish gold turning to a salmon, then to a bright shell-pink. Excellent cut-flower for bedding purposes. Pkt., 25c.

1434 MAPLE GOLD AND ROSE BEAUTY MIXED. 2 ft. A pleasing blend of two famous Gilbert varieties. Pkt., 25c.

1440 GREEN GOLD. Silver green ball shaped combs fused with light pink and a touch of yellow. Foliage bright green, flower heads 6 to 10 inches, plant 2 ft. Dries a silvery color Pkt., 25c.

1441 GOLD DUST. Rich yellow with silvery sheen, ruffled, ball-shaped heads on branched plants, bright green foliage. Turns deep gold or chartreuse as it matures. Excellent cut and for winter bouquets. Pkt., 25c.

1472 ROYAL VELVET. 2 ft. Long-stemmed plummy heads of crimson. Foliage bronzy green with reddish margins. Pkt., 25c.

1435 TALL MIXED. Pkt., 15c.

1430 CRESTED DWARF SORTS MIXED. 8-10 in Pkt., 15c.

OSTRICH PLUME SORTS

The numerous massive plumes which resemble ostrich feathers wave gracefully above the foliage. 2 to 3 ft.

1438 FOREST FIRE. Brilliant fiery orange-scarlet plumes provide a striking contrast to the rich bronzy-red foliage. Uniform in habit, they will prove an interesting subject for the late garden where they will bloom until killed by frost. 2½ ft. Pkt., 25c.

1460 PRIDE OF CASTLE GOULD. Immense flower heads, resembling plumes in many colors. Pkt., 25c.

1468 CHINESE WOOLFLOWER MIXED. 2 to 3 ft. Pkt., 15c.

Popular Bachelor Buttons

Culture: A, B, D or E, Page 57

CENTAUREA CYANUS SUPER DOUBLE 3 Ft.

A perfected strain of this popular hardy annual, which every one can grow in any garden soil. They have larger flowers, more double, with more vivid coloring and long, wiry stems, making fine cut flowers. If the faded flowers are kept cut, the plants will blossom continuously throughout the summer. Seeds germinate in 8 days.

1506 BLUE BOY. The true cornflower blue. Pkt., 15c; ¼ oz., 30c.

1507 PINKIE. Lovely true pink. Pkt., 15c.

1508 RED BOY. Deep glowing red. Pkt., 15c.

1509 SNOWMAN. Pure white. Pkt., 15c.

1522 VAUGHAN'S SPECIAL SUPER DOUBLE MIXED. ¼ oz., 30c; ½ oz., 50c; pkt., 15c.

1504 JUBILEE GEM. 12 in. Compact plant covered with double dark blue flowers. Foliage forms a tufted mass of bright green. Pkt., 15c.

1500 JUBILEE MIXED. 1 ft. Similar in habit to blue Jubilee Gem, forming low bushes with a blossom terminating every stem and branch in a good range of color. Pkt., 25c.



1522 CENTAUREA Cyanus Vaughan's Special Super Double Mixed. Pkt., 15c.



1966 COSMOS Sensation Special Mixed. Pkt., 25c.



1984 COSMOS FIESTA. Pkt., 25c.

Giant Sweet Sultans

Culture: A, B, D or E, Page 57

The beautiful, decorative flowers are borne on long, strong stems; when cut and put in water will last for several days in good condition. They have a soft fragrance and add beauty to the garden picture. Seeds germinate in 8 days.

1570 CENTAUREA IMPERIALIS, MIXED. 2½ ft. Pkt., 15c.

Cosmos from July to Frost

Culture: A, B, D or E, Page 57

Plants of graceful beauty, fine feather foliage and large flowers. While the early varieties begin blooming in July, the Cosmos reaches the height of its beauty in the autumn. The new giant early varieties are wonderful cut flowers, holding in good condition for 10 days after cutting. We list only the early flowering varieties, as the late varieties are so apt to be taken by early frosts. If the faded flowers of the early varieties are kept cut, they will provide a succession of bloom from July until killing frosts. Seeds germinate in 8 days.

SENSATION, GIANT EARLY STRAIN

Early flowering, blooming in about 12 weeks from sowing. The flowers are very large, 4 to 5 inches across, with heavy fluted petals. Height about 4 feet. By disbudding, enormous flowers can be obtained.

1964 DAZZLER. Deep crimson.

1968 PINK. Rose-pink.

1967 PURITY. White.

1969 RADIANCE. Deep rose with rich crimson zone.

1966 SENSATION SPECIAL MIXED.

Each of the above, pkt., 25c; 3 pkts. for 65c

1984 FIESTA. 2½ ft. All America Silver Medal 1952. Flowers of bright gold striped with scarlet are borne on dwarf bushy plants. Blooms are similar in form to Yellow Flare, semi-double with ruffled petals, and are freely borne all summer, following an early start. A good border subject and attractive cut flower. Pkt., 25c.

Grow Cacti from Seed

Culture: C, D or E, Page 57

Growing Cacti from seed is easy and interesting, each miniature plant being perfect. The seeds germinate irregularly over a period of 14 to 40 days.

1251 CACTI. All kinds and forms mixed.

Pkt., 25c; 5 pkts. for \$1.00



2086 DAHLIA UNWIN'S DWARF HYBRIDS. Pkt., 25c.



Coleus

Culture: D or E, Page 57

Decorative plants with foliage of brilliant varied colors, many having fantastic markings. Does well either in sun or semi-shade. Pinch out the growing points to make well branched plants. Make good house plants. Seeds germinate in 10 days.

1855 VAUGHAN'S RAINBOW MIXTURE. 1-2 ft. The handsomest and most brilliant foliage plant obtained from seed. Leaves are medium to large and in the richest and most vivid colors and color combinations. Pkt., 35c.

**HOME GREENHOUSE AND
HOUSE PLANTS FROM SEED**

SEE PAGES 55-56

Gourds, see page 44

Dahlias from Seed

Culture: D or E, A or B, Page 57

It is easy, fascinating, to grow Dahlias from seed. If the seed is started early, plants will bloom the same season. Sow in a shallow box or pan in March or early April, and keep the soil moderately moist. When all danger from frost is over, plant in the garden. Seed germinates in 8-10 days.

DOUBLE DAHLIAS

2080 DOUBLE BEST MIXED. 3 ft. Saved from name and fancy sorts, including the Cactus Flowered varieties. Pkt., 25c.

2086 UNWIN'S HYBRIDS. This remarkable strain produces branching plants 2 to 3 feet tall bearing semi-double flowers 3 inches in diameter, of lovely soft pink, lavender, crimson, apricot, buff, orange, canary, cream, white and yellow. Easily grown from seed and blossom in sixty days from seed. Sow after the ground warms up and danger of frost is over, and give each plant at least one foot in the row. They give a striking effect in the border and are unsurpassed as cut flowers. They flower until frost kills the plants and produce tubers which can be saved. 1/4 oz., 60c; pkt., 25c.



Flowering Kale

2458 FLOWERING KALE. 18 in. Although belonging to the Cabbage or Kale family, this Flowering Kale is entirely different as to its appearance. In young stage its leaves are green just like ordinary Kale, but in autumn as the season advances remarkably beautiful colors begin to appear. The colors range from white, cream, pink, rose, magenta, etc., on dark green ground. As the plants grow, the colors become more brilliant. We suggest seed be sown in July for colorful plants in early September through October until killed by heavy frosts. Seeds germinate in 10 days. Pkt., 25c.



Four O'Clocks

Culture: A or B, D or E, Page 57

Showy summer and fall blooming plants that do well everywhere. Flowers open in the afternoon and all day if it is cloudy. It is little known that roots may be lifted in the fall and stored like Dahlias to be replanted in spring. Four O'Clocks make an interesting low hedge very rapidly. One of the best for smoky city sections. Seeds germinate in 10 days.

3290 MIXED COLORS. 1/4 lb., \$1.50; 1 oz., 50c; pkt., 15c.



ARRANGE WITH GOURDS FOR DECORATIVE EFFECT

1927 CORN (Calico Indian or Squaw). The ears are used in making charm or Patio strings combined with the small gourd fruits. The kernels are of various bright colors. Matures in 100 days. Os., 35c; pkt., 15c.



DECORATIVE AND GOOD TO EAT

1928 STRAWBERRY CORN. While this is really a "Pop Corn" and a very good one at that, its charm is in its attractive effect of the tiny ears which are only 2 in. long and 1 1/4 in. wide and are a rich and shiny mahogany color, not unlike a gigantic strawberry. They are enclosed in straw-colored husks. Matures in 100 days. Pkt., 25c.



Geranium Seed

Culture: A, B or C, Page 57

2492 VAUGHAN'S SPECIAL MIXTURE. 1 1/2 ft. Large Flowering Single Varieties. Seed saved from name sorts. Many charming varieties may be expected, even some doubles. This seed will germinate irregularly in from 14 days to two months. The plants may be lifted as they reach suitable size, but the seed box should not be disturbed until germination has ceased. Pkt., 35c.



2247 DIANTHUS BRILLIANT. Pkt., 25c.

2247 BRILLIANT. 18 in. This large flowered strain of free flowering pinks have flowers in crimson, cerise, pink, white and red. It grows in low bushes, with blooms at the end of every stem, and flowers all summer. A lovely cut flower. Pkt., 25c.

2262 LACINIATUS DOUBLE GAIETY. 12 in. The fringing and twisting of the petals avoids any feeling of heaviness. Large flowers come in a variety of color, red, white, pink and maroon, on compact plants. Pkt., 25c.

2230 HEDDENSIS FINEST MIXED. 16 in. Well-formed 2 in. flowers in large numbers on long stems, suitable for cutting. More tolerant of extreme temperatures than either of its parents. All the traditional Dianthus colors. Pkt., 25c.

2257 CHINESE DOUBLE MIXED. 1 ft. Handsome clusters of very double flowers; many bright colors. Pkt., 15c.

2300 DIANTHUS VAUGHAN'S SPECIAL MIXTURE OF DOUBLE PINKS. Selection of the best double pinks in cultivation, ranging in color through all the most brilliant shades. Pkt., 15c.

2301 VAUGHAN'S SPECIAL MIXTURE OF DOUBLE AND SINGLE PINKS. This magnificent mixture contains the cream of the annual pinks, both single and double. 1/4 oz., 50c; Pkt., 25c.



2476 GAILLARDIA Giant Double Sunshine. Pkt., 25c.

Brilliant Annual Pinks Dianthus

Culture: A, or B, D or E, Page 5

A magnificent family producing their gay, sweet scented flowers in great profusion. They embrace a great variety of forms and come in a remarkable wide range of beautiful and rich color combinations. Sown in April where they are to bloom, and slightly thinned they make a wonderful show from July until cut down by frost. Many of this family will live over winter in our (Chicago) latitude. Seeds germinate in 8 days.



2262 DIANTHUS DOUBLE GAIETY. Pkt., 25c.

Gaillardia

Culture: A, B, D or E, Page 57

One of the most profuse bloomers of the flower garden. Gaillardias grow best in full sunlight. The double varieties are among finest of annuals for cut flowers and give excellent border display. Seeds germinate in 20 days.

2476 VAUGHAN'S GIANT DOUBLE SUNSHINE. 18 in. A scintillating new color mixture. Huge fluffy "ball-like" double blooms, in a sprightly array of new colors. Chrome yellow to creamy white, burnished mahogany to burgundy wine—vivacious bicolor tipplings of white, red, and yellow. The brightest Gaillardia mixture ever offered. Bushy plants with long stems make it a color bright-up wherever used. Continuous in its flowering throughout the summer. Pkt., 25c.

Linarias (Baby Snaps)

Culture: A or B, Page 57

Popularly called miniature snapdragons, these are charming free flowering border plants in bright and pastel tones. To get best results thin to 18 inches. Seeds germinate in 20 days.

3035 LINARIA NORTHERN LIGHTS. Brilliant new colors characterize this new strain of the popular "Baby Snapdragon". Clear whites, bright yellows, vibrant blues and carmines are combined with a liberal sprinkling of reds and bronzes with yellow lip. Plants are bushy and erect; easily grown from seed and provide a quick show of color. 15 in Pkt., 25c.

Matricaria

Culture: D or E, A or B, Page 57

3206 CAPENSIS IMPROVED. (Feverfew). 3 ft. Small, double white flowers, borne in clusters. They are perennial, but may be treated as annuals. Select flat petaled type, snow-white flowers. Seeds germinate in 12 days. Pkt., 35c.



2681 GYPSOPHILA Elegans Grd. Alba. 15c.

Gypsophila

Culture: A, Page 57

Graceful plants of light fairy-like growth. The misty bloom adds interest to flower arrangements. Seed germinates in 10 days.

2681 ELEGANS GRANDIFLORA ALBA SPECIAL SELECTION. 18 in. This is extremely free blooming and petals considerably broader, making the flowers nice and round. 1/2 oz., 40c; 1/4 oz., 25c; pkt., 15c.

2682 ELEGANS VIVID ROSE. 18 in. Pkt., 15c.

2686 —MIXED. Pkt., 15c.



2820 HELIOTROPE MAMMOTH MIXED. Pkt., 25c.

Fragrant Heliotrope

Culture: A or B, D or E, Page 57

Heliotrope is a universal favorite on account of its delightful fragrance and duration of bloom. Seeds sown in the spring make fine plants for bedding out. Seeds germinate in 15 days.

2820 MAMMOTH MIXED. 1 ft. Large flowers ranging from dark blue to lilac. Pkt., 25c.



3035 LINARIA Northern Lights. Pkt., 25c.



Helichrysum (Strawflower)

Culture: A or B, D or E, Page 5

For winter bouquets, Straw Flowers should be cut before the centers open, and be hung upside down in a cool, dark place to dry. The foliage should be stripped off, and if it is desired, a fairly stiff wire may be twined about each stem to make them easier to handle. To grow large flowers, disbud, allowing only one bud to remain on each stem. Seeds germinate in 8 days.

2810 VAUGHAN'S SPECIAL MIXTURE OF HELICHRYSUMS. 3 ft. This is a balanced blend of named varieties and many color tones in large flowered strains. $\frac{1}{4}$ oz., 35c; pkt., 15c.



Annual Hollyhocks

Culture: A or B, D or E, Page 57

These annual kinds bloom the first year and will live over winter and last for several years. Seeds germinate in 8 days.

2841 INDIAN SUMMER MIXED. 5 ft. All America Bronze Medal winner. These lovely double hollyhocks, of a wide range of pleasing colors, have all the beauty of the perennial type, and are in fact hardy perennials. But they grow so quickly from spring sown seed, that by mid-summer you have blossoms, which continue until late into fall. Pkt., 25c.

Impatiens

Culture: A, B, D or E, Page 57

One of the best for pot culture and planting in a shaded situation. Remarkable for duration of bloom. Excellent greenhouse plant. Seed germinates in 15 days.

2890 DWARF FIERY SCARLET. 6-8 in. The flowers are a fiery scarlet changing to deep salmon-scarlet, larger than other sorts, reaching 2 inches in diameter and freely produced. Of low spreading habit, it is an excellent variety for pots and well suited to the shady border in the garden. Pkt., 50c.

2875 HOLSTII. $1\frac{1}{2}$ ft. Of rapid, vigorous growth, producing large flowers of salmon-scarlet. Pkt., 25c.

2890 TALL VARIETIES CHOICE MIXED. $1\frac{1}{2}$ ft. Includes lilac, carmine, salmon pink and scarlet shades. Pkt., 25c.

2881 SULTANI. $1\frac{1}{2}$ ft. Bright rose. Pkt., 25c.

2883 DWARF VARIETIES CHOICE MIXED. Grows only 6 inches tall, flowers continuously in many shades. Pkt., 50c.

Annual Larkspurs

ANNUAL Larkspurs give fine spikes of bloom that are exceedingly graceful and attractive. They are perfectly hardy, the seedling plants surviving coldest winter weather. Sow very early in spring, thin out the seedlings a necessary and give each plant room for development. Seed may also be sown in late fall just before the ground freezes; up for the winter for early flowers the following spring. In the summer germination is improved by chilling the seed several days in the refrigerator. Seeds germinate in 15 days.



VAUGHAN'S LARKSPUR

Culture: A or B, D or E, Page 5

6 Best Colors

From careful records, we have selected the **Six Best Colors** listed below, based on the demands of the Home Gardener. All are of the popular base branching type, which produces sturdy plants sending up from the base many flowering spikes, each a tall, strong, spire of beauty; the perfect cutting strain. The colors are new, distinct. Florets are fully double closely placed on the stem. 5-ft.

2121 REGAL PINK. Brilliant pink on salmon, a new distinct shade.

2128 ROSE SUPREME. Deeper rose than any other.

2127 LILAC SUPREME. Clear, pale lilac, free from pink.

2130 WHITE SUPREME. Pure white without suggestion of pink.

2132 PINK SUPREME. Deep rose pink, lovely under lights.

2131 DARK BLUE SUPREME. Deep violet purple.

Each of the above, pkt., 15c; any 4 pkts., 50c.

2133 SUPREME MIXED. A blend of all the above with additional colors not yet introduced. $\frac{1}{4}$ oz. 75c; Large Pkt., 25c.

VAUGHAN'S LARKSPUR GARDEN

2140 1 pkt. each **Six Colors Illustrated**, Rose, Lilac, Salmon Pink, White, Pink and Dark Blue. FOR 75c



3041 LOBELIA BLUE GOWN.

3052 LOBELIA ROSAMOND.

3054 LOBELIA WHITE LADY

Lobelias For Edging

For varied and vivid color tones produced in such abundance as to hide the leaves, the dwarf varieties are unrivaled. One of the finest flowers for edging and ribbon planting. By cutting back in midsummer, all-summer bloom is assured. Seed germinates in 10 days.

3041 BLUE GOWN. 6 in. Clear deep blue, without eye, fine compact habit. Pkt., 25c.

3043 CRYSTAL PALACE COMPACTA. 4 in. deepest blue, dark foliage. Pkt., 15c.

3049 MRS. CLIBRAN IMPROVED. 4 in. Flowers of deep blue with white eye providing an interesting array of color in the bed or border. Pkt., 25c.

3052 ROSAMOND. So unusual the color and compact the plant, this new Lobelia of a rich carmine-red has quickly become a garden favorite. A fine edging plant blooming over a long season. Pkt., 25c.

3054 WHITE LADY. A dwarf pure white that combines well with the blue and carmine-red. Pkt., 25c.

3070 DWARF MIXED. Our own blend of dwarf Lobelias which includes many not listed. Pkt., 15c.

TRAILING LOBELIAS

Are especially effective in hanging baskets or window boxes, where a long drooping effect is desired.

3063 SAPPHIRE. Large, deep blue flowers with a pure white eye. Pkt., 15c.



2890 IMPATIENS DWARF FIERY SCARLET. Pkt., 50c.

Vaughan's Seed Company 31

Sun-Loving Marigolds

Culture: A or B, D or E, Page 57

MARIGOLDS come in every known tint and shade of yellow and orange and in mahogany tones running into a lively red. They bloom earlier when started under protection, but are easily grown from seed sown direct in the garden. Seeds germinate in 8-10 days.



A GARDEN OF MARIGOLDS

To provide a succession of bloom from earliest Summer until killing frost we have included in **OUR MARIGOLD GARDEN** Naughty Marietta and Color Magic, so rich in red and gold combinations, and one of the popular small single Mexican Group. For background and cutting, there is the Tall African Group of Burpee Gold, Chrysanthemum Flowered Mixed and Glitters, with their rich tones of gold, orange and yellow.

3200 1 pkt. each, 6 varieties, for \$1.00



Many-Colored Marigold

3135 MARIGOLD COLOR MAGIC. 8 in. Brilliant colors of non-fading red to pure gold with many varied striped and mottled combinations in red and gold. Full double flowers, 2 1/4 inches in diameter. Uniform in growth, plants are dwarf and compact Pkt., 25c.



3167 MARIGOLD RUSTY RED. Pkt., 25c.

HARMONY TYPE

A group of Double Dwarf French Marigolds with crested centers, very free blooming and bred to give finest results in the home garden.

3170A SPRY. Yellow bordered mahogany. 9 in.

3164A BUTTERBALL. Soft butter yellow. 10 in.

3168 LEMONDROP. Canary yellow. 9 in.

3170 HARMONY HYBRIDS. Wide and varied range of striking color combinations.

DWARF FRENCH DOUBLE

Slightly taller than the above, the varieties we offer have proven their value to the home gardener

3169. TANGERINE. A distinct shade of bright tangerine-orange. 15 in.

3167 RUSTY RED. Rich rusty red delicately edged golden yellow. Very large flower averaging 2 inches and more across. 1 1/2 ft.

Each of the above: Pkt., 25c.



3198 MARIGOLD CUPID MIXED. Pkt., 25c

DWARF CHRYSANTHEMUM FLOWERED

Flower of good size, averaging 2 1/4 to 3 inches across. Freely produced on dwarf compact plants. So large is the flower and so free the bloom, it literally covers the plant. Odorless foliage. 8 in

3196 CUPID (Yellow) Primrose yellow.

3194 CUPID GOLDEN. Rich golden color

3197 CUPID ORANGE. True orange.

3198 CUPID MIXED. Includes all the above.

Each of the above: pkt., 25c.

3130 VAUGHAN'S SPECIAL TALL MIXTURE. Our own formula-blend which includes "old-time" favorites as well as newer introductions. So complete is the list, it might well be called a "Treasure Chest" of Marigolds. 1/2 oz., 50c; pkt., 15c.



3144 MARIGOLD EARLY SUNSET GIANTS. Pkt., 25c.

CARNATION FLOWERED

3144 EARLY SUNSET GIANTS. 3 1/4 to 4 ft. This is an early flowering strain of the popular Sunset Giants, largest of all marigolds bearing flowers that are sometimes 7 1/4 inches in diameter. This blooms 18 to 20 days earlier than the older strain, each plant bearing 8 to 12 enormous blooms in a festive range of color, including cream, buff, lemon, gold and orange. Plants are vigorous and stems strong. Pkt., 25c.

3124 YELLOW SUPREME. 2 ft. A large bloom of honey fragrance, with broad, loose, frilled petals of a rich lemon-yellow, largest of true "Carnation flowered" type. Plants are vigorous, with foliage practically free from Marigold odor. Pkt., 15c.

CHRYSANTHEMUM FLOWERED

3151 MAMMOTH "MUM". 30 in. The flowers are fluffy ball-like, light sulphur yellow in color. The flowers are 3 1/2 in. across and 2 in. deep. Pkt. 25c.

3140 VAUGHAN'S CHRYSANTHEMUM FLOWERED HYBRIDS. 3 ft. An early flowering strain, bearing flowers of several distinct types, and tones of orange and yellow. Pkt., 15c.

LARGEST, DAHLIA FLOWERED

3136 FLUFFY RUFFLES. Giant flowers of bright medium orange, with intensely ruffled florets. Very early to flower. Plants are semi-tall, 20 inches in height, with full length base-branching stems. Pkt., 25c.



3136 MARIGOLD Fluffy Ruffles. Pkt., 25c.

Giant Morning Glories

Special Culture on Packet

If sown outdoors, do not sow until the ground is warm and summer established. Give plants full sun, porous soil, and do not overfeed, as this may limit flowers. To sow indoors, nick through hard outer shell of seed with knife or file. Then sow in flower pot in good friable soil, and place where bottom heat of at least 70 degrees is provided. Keep indoors until weather is warm. Seeds germinate in 8-10 days.



2948 MORNING GLORY. Scarlett O'Hara.
Pkt., 25c.



2941 MORNING GLORY. Heavenly Blue
Clarke's Early Flowering. Pkt., 25c.

CLIMBING SORTS

- 2941 HEAVENLY BLUE CLARKE'S EARLY FLOWERING.** A strain of Heavenly Blue selected for earliness. Flowers measure $3\frac{1}{2}$ to 4 inches across. $\frac{1}{4}$ oz., 35c; pkt., 25c.
- 2903 DARLING.** Giant flowers, up to 4 inches in diameter, of a rich wine red with snowy-throat that provides contrast. Very free flowering. Pkt., 25c.
- 2943 IMPROVED PEARLY GATES.** This is a white sport of the lovely Heavenly Blue, similar in size, vigor of growth and abundance of bloom. Pkt., 25c.
- 2948 SCARLETT O'HARA.** $3\frac{1}{2}$ -in. flowers of a soft velvety scarlet, borne in profusion. Flowers stay open longer than other sorts. Pkt., 25c.
- 2940 RED, WHITE AND BLUE COLLECTION.** One packet each of Scarlett O'Hara, Heavenly Blue and Pearly Gates Morning Glory (value 75c), for 50c.
- 2935 RED, WHITE AND BLUE MIXTURE.** A balanced mixture of the above. Pkt., 25c.



2901 MORNING GLORY.
Giant Cornell. Pkt., 25c.



1922 BUSH MORNING GLORY.
Royal Ensign. Pkt., 25c.

BUSH MORNING GLORY 1 FT.

Showy hardy annuals for beds and borders, also rock-work; they bloom for a long period and delight in sun.

- 1922 ROYAL ENSIGN.** A deep bright ultra-marine; the deepest and brightest of all blue annuals, with a white halo and gold throat. The plants are covered with their attractive blossoms all summer. Use for edging and borders. 8 in. Pkt., 25c.
- 1920 MIXED.** All colors. Pkt. 15c.

CONVOLVULUS (Morning Glory)

- 1900 TALL MIXED.** All colors. Pkt., 15c.

Moonflowers

These are vines that bloom at sunset, fading in late morning. Very fragrant. Seeds germinate in 10-12 days.

- 2895 BONA NOX (Evening Glory).** Violet. 15c.
- 2905 MEXICANA GRANDIFLORA ALBA (White Moonflower).** Opens 4-5 inch white flowers every evening and cloudy day. Pkt., 15c.



3403 NICOTIANA Daylight. Pkt., 25c.

Nicotiana

FRAGRANT TOBACCO PLANT

Culture: A or B, D or E, Page 57

Their long tubular flowers close in midday, but open as evening approaches and give forth a rich perfume. Seeds germinate in 20 days.

- 3403 DAYLIGHT.** 1-2 ft. An abundance of pure white fragrant blooms that remain open all day. Pkt., 25c.
- 3402 DAYLIGHT SENSATION MIXED.** $1\frac{1}{2}$ -2 ft. A brilliant color range. Bright scarlet, crimson, rose, mahogany, violet, yellow, coral, lilac and white, are included. The blooms remain open day and night. Pkt., 25c.
- 3390 AFFINIS.** 2 ft. Delightfully fragrant waxy white blooms in flower over a long season. Bushy habit. Pkt., 15c.
- 3392 AFFINIS HYBRIDS.** 2 ft. Splendid hybrids in blue, red and rose shades. Pkt., 15c.
- 3393 AFFINIS CRIMSON BEDDER.** The flowers are of a rich deep crimson. 15 in. Pkt., 15c.

Fragrant Nasturtiums

NASTURTIUMS will really grow on soils incapable of supporting any other plants, and are most useful on dry, sandy, or gravelly banks. Leaves of Nasturtiums may be used for sandwich fillings and salads and the green seed pods may be used in pickles. Seeds germinate in 8-10 days. Sow after frost danger is over.

APHIS ON NASTURTIUMS. One of our friends writes in "Horticulture": "I am not troubled with aphid if I sprinkle moth balls (naphthalene) quite close to the stems of the plants." Rotenone and Black Leaf 40, are also effective.

TALL, DOUBLE FRAGRANT

- 3735 GOLDEN GLEAM.** The large double, golden yellow flowers on long stems are borne profusely well above the bright green foliage. Pkt., 15c.
- 3734 MAHOGANY.** Large double flowers of dark mahogany-red. Pkt., 15c.
- 3736 SCARLET GLEAM.** The flowers are a fiery orange-scarlet. Pkt., 15c.

3739 VAUGHAN'S DOUBLE TALL GLORIOUS GLEAM HYBRIDS. Colors never seen before in a double Nasturtium abound in profusion—salmon, golden yellow, orange scarlet, cerise, cream yellow, orange, crimson, and gold flushed scarlet combine with the foliage of fresh green. Pkt., 15c.

DWARF, DOUBLE FRAGRANT

- 3548 CHERRY ROSE.** An excellent variety for cutting, and showy in the border. Flowers $2\frac{1}{2}$ to 3 inches across of a soft cherry-rose are produced earlier than others. Very free flowering. Pkt., 15c.
- 3558 GOLDEN GLOBE.** Identical in color with Golden Gleam, but making bushy plants which the freely produced blossoms convert into mounds of gold. Pkt., 15c.

3560 DWARF DOUBLE GEM MIXED. Ideal for edging beds and window boxes. Evenly balanced range of bright colors. Pkt., 15c.

Old-fashioned, Free Flowering Single

3575 VAUGHAN'S SPECIAL SINGLE DWARF NASTURTIUMS MIXED. Single flowering varieties are preferred by many because they flower more freely in some locations. This mixture includes a well balanced range of red, orange and yellow, even more varied than is found among the double type. Pkt., 15c.



3739 NASTURTIUM DOUBLE GLORIOUS GLEAM HYBRIDS. Pkt., 15c.



3894 PANSIES Vaughan's Super Swiss Giant Mixed. Pkt., 35c.

3894 VAUGHAN'S SUPER SWISS GIANT MIXTURE. The flowers are gigantic size, perfectly round, fine substance of flower and good form of plant, and exhibit shades previously unknown in this family. They bloom early in the spring, continuing in flower all summer until late in fall. $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.00, pkt. 35c

Giant Pansies

Culture: A, B or C, Page 57

PANSIES have long been a specialty with us. We introduced the Swiss Giants to American gardens and named and introduced in this country the lovely Canadian Maple Leaf strain. Leaflet on pansy culture will be supplied if requested on order. Seeds germinate in 10 days.

3903 VAUGHAN'S DWARF SUPER SWISS MIXED. For those who desire plants dwarfier than the original type, we have had our grower make this selection. The colors are the same but the plants lower and more compact. Pkt., 35c.

3840 TRIMARDEAU MIXTURE. It has a complete color range, of older varieties. Pkt., 15c

3881 ENGELMANN'S GIANT. A special strain selected and developed by an English grower. The plants are dwarf and compact and the huge flowers, in many dark and light tones appear early. Pkt., 25c.

GIANT SWISS VARIETIES

3892 ALPENGLOW. Rich wine-red shades. Pkt., 35c

3891 BLUE (Ullswater) (Thuner See). Deep blue flower with blue-black blotches. Pkt., 35c.

3820 CORONATION GOLD. The largest pure gold self. Pkt., 35c.

3897 DELFT BLUE. A delightful tone of translucent blue. Pkt., 35c.

3862 FIRE BEACON. Bright orange-red. Pkt., 35c.

3900 WHITE. Pkt., 35c.

3893 YELLOW (RHEINGOLD). Rich yellow with blotches on the three lower petals. Pkt., 35c.

SPECIAL MIXTURES

3794 VAUGHAN'S SUPER MAPLE LEAF GIANT MIXTURE (Canadian Giants). The leaves are of giant size and flowers up to 4 inches across, of wonderful substance and fine form. Many charming colors. $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.00. Pkt. 35c.

3875 VAUGHAN'S GIANT MIXTURE. This mixture contains all the self-colors, such as white, yellow, blue, purple, red, bronze, etc. All the flowers are of the Giant type and of good shape and texture. $\frac{1}{8}$ oz., \$1.75; pkt., 25c.



3820 PANSY CORONATION GOLD, Pkt., 35c.



Nierembergia

Culture: D or E, Page 5

3412 PURPLE ROBE IMPROVED. The rich violet blue color is deeper than the original and the plants more dwarf and compact. Does not fade. Pkt., 35c.



3892 PANSY SWISS ALPENGLOW Pkt., 35c.



3891 PANSY Swiss Blue (Ullswater). Pkt., 35c.

Shirley Poppies

Culture: A, Page 57

Sow them early—since they defy frosts—and where they are to bloom, as they dislike transplanting. They flower quickly from seed. Successive sowings should be made to provide continuous flowering. Mix the seeds with sand to scatter them, and thin out to 8 inches apart. Seeds germinate in 20 days. They have beautiful satiny flowers, all with white centers. Foliage is hairy and finely cut.



4370 VAUGHAN'S SPECIAL MIXTURE. Shirley Poppies. 2 ft. Lovely and dainty tints, many edged and blended with other colors $\frac{1}{4}$ oz., 55c; pkt., 15c

4277 AMERICAN LEGION. 2 ft. A dazzling orange-scarlet of enormous size. Pkt., 15c.

4238 DOUBLE BEGONIA FLOWERED SWEET BRIAR. A delightful shade of deep rose-pink. Pkt., 15c.

4239 DOUBLE BEGONIA FLOWERED MIXED. The flowers resemble the double tuberous rooted Begonias in form, and contain an assortment of lovely light colors. Pkt., 15c.

Phlox, the Gayest Annual

Culture: A or B, D or E, Page 5.

For a brilliant display, plant Vaughan's Special Mixture. Seed may be sown in the open as soon as frost danger has passed. Sow where the plants are to flower as they do not like to be transplanted. 12 inch. Seeds germinate in 20 days.

Giant Phlox

4103 GIGANTEA ART SHADES. A strain with flowers 1½ inches in diameter, in a remarkable variety of soft color tones, which blend delightfully. 1 ft. Pkt., 25c.

COLORFUL MIXTURES

4175 CUSPIDATA OR STAR MIXED. Quaint and unusual flower formation. 1 ft. Pkt., 25c.

4207 GLOBEMIXED. 6 to 8 in. The completely full plants are globe or dome shaped. Base branching, they retain the fine uniform habit of a solid mound of bloom throughout the season. A well balanced range of color. Very showy. Pkt., 25c.

4220 PHLOX DRUMMONDI VAUGHAN'S SPECIAL ANNUAL MIXTURE. Contains all the Grandiflora varieties and several other strains only to be had in this mixture, and will delight and astonish all with its extensive variety of colors. Over 30 different shades will be produced from a single package. ¼ oz., \$1.50; ½ oz., 80c.; pkt., 25c.



4220 PHLOX Vaughan's Special Mixture. Pkt., 25c.



4683 SALVIA Farinacea Blue Bedder, Pkt., 25c.

Salvias

Culture: D or E, A or B, Page 57

The brilliant scarlet *Salvia Splendens*, so highly valued in summer beds, borders, window boxes and as cut flowers, is by no means the only worthy member of this family. Wedgwood blue *Salvia Farinacea Blue Bedder* is increasingly popular in summer borders. Seeds germinate in 15-20 days.

BLUE SALVIAS

4683 FARINACEA BLUE BEDDER. 2½-3 ft. A true Wedgwood blue. It makes a splendid background for all other colors in the border, and can be dried as an Everlasting. Is especially handsome when grown behind a line of pink *Petunias*. Pkt., 25c.

SPLENDENS

4640 AMERICA, OR GLOBE OF FIRE. 18 in. Freest and most continuous bloomer; also the most uniform in habit, which makes it particularly valuable for bedding or ribbon planting. Pkt., 25c.

4655 CLARA BEDMAN (BONFIRE.) 2 ft. The spikes grow erect above the foliage forming handsome globular bushes. Pkt., 25c.

4656 CORAL PINK. 16 in. The rich coral pink blends well with other flower colors and overcomes the objection of many to the vivid scarlet sage tones. More brilliant and desirable than any other pink that has been introduced to date. Pkt., 25c.



4560 RICINUS ZANZIBAR MIXED. Pkt., 15c.

Ricinus (Castor Bean)

Culture: A or B, D or E, Page 5

Giant, strong growing plants, with ornamental foliage. These plants are reputed to drive away moles from a garden. Seeds germinate in 15 days.

4546 CRIMSON SPIRE. 6 ft. Large purplish leaves changing to bronzy green. Stems, stalks and veins are rich red; seed spikes and seed pods are brilliant crimson. Most showy. ½ oz., 30c; pkt. 15c.

4560 ZANZIBAR MIXED. 10 to 12 ft. The ornamental leaves, beautifully lobed, are 2½ to 4 ft. across. Each plant a perfect pyramid. ½ oz., 30c; pkt., 15c.

CAUTION: Seeds of the **Castor Bean** (*Ricinus*) and **Angel's Trumpet** (*Datura*) are poisonous and every care should be taken to keep them away from children who are attracted to them by their bright appearance.



4640 SALVIA SPLENDENS America, Pkt., 25c.

Portulaca

Culture: A, D, Page 5

MOSS ROSE FOR HOT, DRY PLACES

Portulaca makes a brilliant carpet for a sunny, dry spot. Flowers like little *Roses*. In sowing, mix the seed with many times its bulk in dry sand. Sow when ground is warmed. Seeds germinate in 20 days.



4455 PORTULACA Double Best Mixed. 25c.

LARGE FLOWERING DOUBLE

4455 DOUBLE BEST MIXTURE. Improved strain which comes 100% double, with larger flowers, and an exceptional range of color, including new tones of red, orange, lavender and yellow. ¼ oz., \$1.75; ½ oz., 90c; pkt., 25c.



4426 PORTULACA Jewel. Pkt., 25c.

LARGE FLOWERING SINGLE

4426 SINGLE JEWEL. No one who has in mind the usual *Portulaca* flower can imagine the beauty of this new variety, which is four times as large, and of a brilliant deep crimson coloring. It is as free flowering as smaller varieties. Pkt., 25c.

4430 SINGLE MIXED. ¼ oz., \$1.20; ½ oz., 70c; pkt., 15c.



3939 PETUNIA All Double Sonata Pkt., 75c.

ALL DOUBLE PAN AMERICAN STRAIN (Large Flowering)

The large fully double flowers with fringed petals are freely produced on plants that are vigorous growing yet retain their compact habit. Base branching. Showy in the garden border, useful in all flower arrangements.

- 3936 ALLEGRO IMPROVED.** 18 in. Deep salmon pink.
- 3937 CAPRICE IMPROVED.** 15 in. Bright rose.
- 3938 NOCTURNE.** 15 in. Dark blue-purple.
- 3934 RHAPSODY.** 12 in. Deep Burgundy-wine purple.
- 3939 SONATA.** 18 in. Pure white.
- 3940 GLORIOUS MIXED.** A complete color range.

Each of above, pkt., 75c.



4066 CALIFORNIA GIANTS DWARF MASTER BLEND.® We recommend this as the finest strain of Giant Flowered varieties, coming into bloom when plants are small in a wide range of color, all with veined throats. Ruffled flowers, 5 inches and more across, borne on compact bushy plants 12 inches in height. Pkt., 35c.



4055 PETUNIA Snow Storm. Pkt., 35c.

Large Flowering Petunias

The flowers of this type average 3 to 4 inches across.

SINGLE PLAIN EDGE

Flowers of heavy substance and velvety texture. Very free blooming. 12-16 in.

4058 ELK'S PRIDE, RE-SELECTED. Velvety black-purple, one of best dark blues. Pkt., 25c.

4055 SNOWSTORM. The glistening white flower with its faint yellow throat covers the fine compact plant, only 12 inches high. Large blooms, 4 to 5 inches across, are freely produced over along season. Pkt., 35c.

SINGLE FRINGED

Strong free growing plants, having many large ruffled and fringed flowers. Their free blooming quality makes them garden favorites.

4048 FRINGED SNOWSTORM. 20 in. Flowers white with yellow throat. 3-inch diameter and deeply fringed. Pkt., 35c.

4062 THEODOSIA. 20 in. Fringed rosy pink with a golden center. Fine for porch boxes. Pkt., 35c.

4051 RUFFLED LITTLE GIANTS MIXED. 8-10 in. A brilliant mixture of large fringed and ruffled flowers which cover the dwarf erect plants. The flowers are pure pink, pink and white, pure red, and red and white. Fine for borders. Pkt., 35c.

3973 HOWARD'S STAR IMPROVED. Red-purple with white star. Shown in the color illustration of our Starred Mixture. Pkt., 15c.



4076 FLUFFY RUFFLES MIXED. The flowers are so ruffled and frilled they have the appearance of being double. The flowers are very large with large throat. It is a well balanced mixture of pink, white, salmon, deep rose, crimson, and light blue, about 75% will be ruffled. Pkt., 35c.

ALL DOUBLE DWARF SMALL FLOWERING

3932 AMERICA IMPROVED. 1 ft. One of the first All Doubles produced in America. Flowers of carnation form and size, 100% double, compact plants. Flowers average $2\frac{1}{4}$ inches. Pkt. (100 seeds), 50c; 1,000 seeds, \$3.50.



3997 PETUNIA Fire Chief. Pkt., 25c.

SINGLE DWARF SMALL FLOWERING PETUNIAS 12 TO 15 IN.

3996 ADMIRAL. In uniform growth, and unvarying clear dark blue coloring of its abundant blossoms, this excels all other blue Petunias. Pkt., 35c.

4017 CELESTIAL ROSE. Improvement on Rose of Heaven. More compact in growth and deeper in color. A beautiful rich satiny rose with white throat. Pkt., 25c.

3997 FIRE CHIEF. All America Gold Medal 1950 A dwarf, compact plant, single flowers of intense pure red, which develops its greatest brilliance in cool, sunny location. Pkt., 25c.

4003 IMPROVED ROSY MORN. An improved strain of the popular clear pink bedding variety. Of deeper coloring, more compact growth, and freer flowering. $\frac{1}{2}$ oz., 35c; pkt., 15c.

4019 LIPSTICK. Medium-sized single flowers of a rich carmine rose with just a suggestion of salmon. Will not fade in the sun. Pkt., 25c.

4020 SNOWBALL IMPROVED. The pure white flowers, of good size and substance, are borne in great profusion on plants of compact habit. Bloomed continuously in our Trials from early July until killing frost, despite adverse weather conditions of heat and drought. Pkt., 25c.

4025 VAUGHAN'S SPECIAL MIXTURE includes all the varieties listed and many others, and will be a revelation to those who plant a packet in furnishing an unending supply of flowers in a most bewildering combination of colors. $\frac{1}{4}$ oz. \$1.50; $\frac{1}{16}$ oz., 85c; pkt., 25c.



3996 PETUNIA ADMIRAL. Pkt., 35c

Small Flowering Petunias for Color and Cutting

Culture D or E, Page 5

In dry season or wet, the Petunia is the most adaptable, long flowering and colorful of the garden annuals. There is an almost complete color range from the pure white to delicate yellow, through many shades to red and rich purple, veined or blotched with plain or frilled edges. There are small, large single, and double flowered. Petunias make good cut flower material. We supply a leaflet on culture if asked for with order. Seeds are very tiny and germinate in 20 days



4024 PETUNIA SKY CHIEF. Pkt., 25c

4024 SKY CHIEF. The soft color of Heavenly Blue and the dwarf compact, free flowering qualities of Snowball Improved are combined to make this one of the most interesting Petunia varieties for the coming season. The pale blue color shows less inclination to fade under warm weather conditions than others in this color group Pkt., 25c.

A GARDEN OF PETUNIAS

To brighten up an otherwise dull corner in the garden, we suggest a planting of Single Small Flowered Dwarf (nana compacta) Petunias. Coming into flower early, they will provide color until cut down by the late frosts of Autumn. Includes such popular varieties as Celestial Rose, Violet Queen, King Henry, Glow and Snowball Improved, all are of the type illustrated above.

3985 1 pkt. each 5 Varieties . . . FOR \$1.00



F-2 STARRED VARIETIES IN MIXTURE

4030 STARRED MIXTURE. Again the F-1 hybrid provides parent stock for this popular color blend. Rich blues, deepest reds, rose and pink are the background colors for the purest of white stars. Bright, free flowering sorts to provide an interesting array of color in the summer garden. Illustrated is one of the many color combinations to be found in this new blend. Pkt., 35c.



Annuals for Cutting

1400 The forty or more varieties in this blend are chosen for their value as cut flowers. They are the long stemmed brightly colored flowers that go so well in vases and baskets. This will produce a glorious variety of flowers for cutting. We suggest planting in rows in the vegetable garden where the plants may be cultivated. For a continued succession of bloom, make two sowings, the first in early spring just as soon as the soil can be worked and a second when late tulips are in flower and peony buds showing color. 1 oz., 50c; $\frac{1}{2}$ oz., 30c; pkt., 15c

Newest Garden Snapdragons

Culture: A, B, D or E, Page 57

Tetra Snapdragons

These unique flowers were created by science with an amazing treatment which changed the cell structure of the plants. "Tetra-snaps" are probably the most conspicuous success this method has so far attained.

Every merit which snapdragons have as a garden flower is magnified. They have greater vigor, a longer flowering season, darker green, glossier foliage, stronger stems, and their flowers have more and larger florets, with ruffled petals and brighter colors.

358 MASTER BLEND.® A new strain of Snapdragon bred to overcome the disappointment of late flowering in the "Tetra" varieties, yet with the same large bloom and fine plant habit. Very free flowering, they come in quite early, before heat of Summer can injure the flower spike. A good range of color, unexcelled for the garden border or cutting. Pkt., 35c.

433 CANDLELIGHT. Clear bright yellow.

438 CRIMSON. A deep yet bright velvety crimson.

429 ORCHID. Rich orchid-purple with yellow blotch.

435 SHADES OF ROSE AND PINK. Ranging from lightest pink to the deeper tones of rose. Especially fine for the cutting garden.

430 WHITE. Creamy white changing to pure white as flower ages. The primrose throat adds to the attractiveness of the large beautifully formed flowers.

428 YELLOW. A rich clear color.

Each of the above, except as noted, pkt., 25c.

Rust-Resistant

If you have found Snapdragons difficult to grow, rust is probably responsible. Rust is a widespread disease which discolors the leaves and saps the vitality. Growing the Rust-resistant strain, difficulties disappear. Seeds germinate better, plants are more vigorous, the foliage clean, flowers large and of fine color and the flowering season prolonged. Seeds germinate in 20 days.

8 BEST COLORS

From careful records the 8 varieties listed below have been determined to be the most popular with home gardeners because of their bright colors and vigorous growth. 2½ ft.

317 CHERRY ROSE. Brilliant deep cherry rose. An outstanding new color.

336 ROSALIE. Rich deep rose with an underlying tone of topaz or amber.

341 ALASKA. The finest pure white.

343B CAMPFIRE. Pure luminous scarlet

344 CANARY YELLOW.

346 LOVELINESS. Pure soft rose-pink.

353 PINK SENSATION. Pure pink, frilled flowers.

347 RED CROSS. Deep rich crimson, white tube

Each of the above, pkt., 25c; 3 pkts., 65c.

Vigorous Crimson Giant

431 VELVET GIANT. 2½ ft. tall, each plant produces 6 to 12 spikes. Rich, velvety, deep crimson blooms show an undertone of orange-bronze. A top-notch variety for cutting and garden. Pkt., 25c

MINIATURE SNAPDRAGONS

A delightful strain forming compact tufts 4 to 6 inches high, covered with miniature flowers. Excellent for rockeries, small beds and edgings

432 MAGIC CARPET. Rich color tones in a wide range of soft and pleasing colors. The almost creeping habit of the plant, small flowers so freely produced, giving a dainty pleasing effect, make it ideal for the rock garden. ½ oz., 90c; pkt., 25c.



358 SNAPDRAGON MASTER BLEND. Pkt., 35c

SAPDRAGONS IN MIXTURE

Our mixtures are "Formula-Made" to insure your receiving the most complete color range

444 COLOSSAL MIXTURE. 3 ft. A strain of tremendous vigor producing in the outdoor garden strong spikes 3 ft. tall, filled with large florets. A well balanced color range that includes crimson, orange shades, pinks, white and clearest yellow. Pkt., 25c.

425 VAUGHAN'S SPECIAL MIXTURE OF SNAPDRAGONS. (Antirrhinum). Includes all the Rust Resistant varieties listed, and others bought especially for it, providing a never ending color feast of long stemmed flowers. ½ oz., 90c. Pkt., 25c.



Alpine Strawberry

4828 BARON SOLEMACHER. A novelty variety with large berries. Of the runnerless or Alpine type it flowers in eight weeks from seed and produces quantities of fruit. The berries are sweet and extremely fragrant. Pkt., 25c



4630 SALPIGLOSSIS Vaughan's Special Mixture. Pkt., 15c.

Gold-veined Salpiglossis

Culture: A or B, Page 57

One of the easiest of annuals to grow, the Salpiglossis is rich in deep color tones rare in the floral world, which are set off by veins of gold, marking every flower so noted. Its blossoms, similar in shape to a Petunia, on strong stems are borne profusely until frosts kill the plants. Seeds germinate in 8 days.

4630 VAUGHAN'S SPECIAL MIXTURE. 3 ft. Our mixture is formula-made and includes many self-colored as well as brightly veined flowers. An easy-to-grow annual that will provide a bright spot in the garden as well as interesting cutflowers throughout the Summer. ¼ oz. 40c; Pkt., 15c.

4620 DWARF GIANT FLOWERED MIXED. 20 in. Giant flowers of all the delightful colors of this gold-veined trumpet flower are borne on low growing plants of compact habit, and will cover the bed or border with glowing color. Many consider this the best of all summer cut flowers. Pkt. 15c.



5635 TAHOKA Daisy. Pkt., 25c.

Culture: A or B, D or E, Page 57

5635 A beautiful lavender-blue Daisy with fern-like foliage, on good long stems. Flowers are tinted with rose as they fade, center deep yellow. Under open ground culture the plants are in bloom by middle of June and flower until October. Excellent for cutting. To get an even and quick germination, keep seed in refrigerator two weeks. 20 in. Pkt., 25c.



4735 SCABIOSA Super Crown Imperial Giant. Pkt., 25c.

New Scabiosa Type

Super Crown Imperial Giant (4 ft.)

Culture: A or B, D or E, Page 57

Sweet Scabioses have a soft fragrance and add beauty to the garden picture. They are fast growing annuals and among the most important cut flowers. Blooms on long, slender stems, which are exceedingly graceful. Seeds germinate in 20 days.

This new Scabiosa eliminates entirely the "pin cushion" center of the older type and displays to advantage the full beauty of the broad waxy petals. The ball-shaped fully double flower is borne erect on tall stems, making it an excellent cutflower.

4731 BLUE MOON. Sky-blue tinged with lavender. Pkt., 15c.

4732 BRIDESMAID. In varying tones of salmon pink. Pkt., 25c.

4717 CORAL PINK. Medium to deep salmon, clear and brilliant. Pkt., 25c.

4734 SILVER MOON. Broad frilled petals of purest paper white. Pkt., 25c.

4735 SUPER CROWN IMPERIAL GIANT MIXED. A complete range of color which includes white, salmon, coral, rose and red, also the various tones in blue. Pkt., 25c.



4731 SCABIOSA BLUE MOON. Pkt., 15c.

Sweet Peas that Flower in Hot Weather

Sweet Peas Multiflora (Zvolanek)

An interesting new development in Sweet Peas, coming into flower between the Cuthbertson (Heat Resistant) and Early Spencer groups. Five and six flowers will appear on a stem, all of good size and in bloom at one time. Very free flowering

5307 MIXED. A formula blend from named sorts in a complete range of color. Pkt., 25c.

COLLECTION NO. 5310. Sweet Pea Zvolanek's Multiflora. A complete range of color that includes Deep American Beauty Rose, Christmas Red, Elk's Purple, Orchid, Rose Pink, Salmon Pink and White. 7 Packets for \$1.00.

SPENCER SWEET PEAS

5622 RUFFLED MIXED. An outstanding mixture, including blue, cream, rose, salmon and white, all extra large, prettily ruffled and frilled. Pkt., 15c.

5595 VAUGHAN'S SPECIAL MIXTURE, EARLY FLOWERING SPENCERS. A Formula blend made from named sorts, including the most fragrant varieties. This strain is recommended for all sections where Spring is late as they flower before the summer heat arrives. Oz., 70c; pkt., 15c.

COLLECTION NO. 5600. One packet each Sweet Peas Early Flowering Spencer, Fragrant Varieties, Amethyst, American Beauty, Princess Blue, Harmony Lavender, Shirley Temple rose pink, Laddie Improved, Hope, pure white, black seeded, Cascade, white seeded white, Mrs. Herbert Hoover and Oriental, cream. 10 Packets for 75c.

Dwarf Sweet Peas

5616 LITTLE SWEETHEART MIXTURE. Compact little bushes completely covered with large Sweet Pea blooms of the Spencer type. Early, free flowering over a long season. Requires no staking. An interesting novelty for bedding and in the garden border. Pkt., 25c.



Torenia (Wishbone Flower)

Culture: D or E, A or B, Page 5

5645 FOURNIERI. Bushy globular plants literally covered with the lovely, richly-colored Snapdragon-like flowers of a delightful sky-blue with a touch of gold on the lip. Likes a damp soil. 1 ft. Seeds germinate in 15 days. Pkt., 15c.

CAUTION: Seeds of *Datura* and *Castor Bean* are poisonous. Care should be taken to keep them away from children who are attracted by the bright color of the seed.

CUTHBERTSON FLORIBUNDA SWEET PEAS. The fact that they continue blooming long after hot weather comes, and other sweet peas have died, is not the only merit of this splendid strain. They are the true Spencer, orchid flowering type, and have exceptional vigor. Their colors are bright and clear, stems long, flowers large and deliciously fragrant. The most widely used for outdoor growing, particularly under Middle-West conditions.

For better results, Sweet Pea seed should be inoculated with nitrogen before planting. Garden size packet, 25c.



5265 CUTHBERTSON FLORIBUNDA Sweet Peas, Mixture. Pkt., 25c.

5265 MIXED. A brilliant well-balanced blend. Pkt. 25c; ½ oz., 65c; oz., \$1.00.

COLLECTION NO. 5250. One packet each Sweet Peas Cuthbertson Floribunda. Includes oxblood-crimson, rosy lavender, rosy crimson, picotee rose pink on white ground, pure white, rose pink, salmon cream-pink, medium blue and coral pink. 9 Packets for \$1.00.



Sky Blue Star Flower

4825 THE SOUTHERN STAR (OXYPETALUM COERULEUM.) Star-shaped flowers measuring 1 in. are borne in long loose sprays. The blue blossoms, veined or penciled with silver, face upward. Sow in early April, it flowers from June until cut down by frost. Pkt., 25c.

Bright Hued Verbenas

Culture: D or E, A or B, Page 57



5749 VERBENA Dwarf Master Blend. Pkt., 35c.

5749 DWARF MASTER BLEND.® Plants are very compact and dwarf. Flowers appear when plants are quite small and retain their color and habit throughout the entire season. Bright colors in a wide range, many with eyes. Excellent for introducing mass of bright colors in the border, or for ribbon planting. Pkt., 35c.

5740 DWARF DELIGHT. Clear coral pink suffused salmon. A distinct new color in this Verbena group. In habit and freedom of bloom it is identical with Sparkle and Crystal. The soft color lends itself readily to the color scheme in the garden border where mass effect is desired. 6 to 7 in. Pkt., 35c.

These colorful annuals originated as desert plants, and thrive in the sun, flowering continuously. They make gay garden beds, and bouquets. Do not sow the seed outdoors until the soil gets warm (May 15th to June 1st). May also be started earlier indoors to advantage. Grow only 6 to 12 inches tall but spread to 2 feet across. Seeds germinate in 8 days.

DWARF VERBENAS

5741 CRYSTAL. A glistening snow white color with the same fine dwarf compact habit as Sparkle. Florets are large and produced in large clusters of 12 to 15 per plant. A trim plant growing about 9 inches tall with a spread of 12 inches, fine compact habit which is retained throughout the blooming season. Pkt., 25c.

5738 SPARKLE. A bright scarlet red greatly intensified by a gleaming white eye. Large size bloom, so tightly arranged they give the effect of a solid mass of color. The plants are of uniform and compact growth and the bloom is freely produced throughout the entire season. 7 in. Pkt., 25c.

HYBRIDA GIGANTEA 1 FT.

A magnificent strain of robust habit, the individual florets measuring an inch in diameter.

5701 GIGANTEA ALBA. Pure white. Very fragrant.

5718 —LAVENDER GLORY. A true lavender with a medium-sized creamy white eye. The color runs about 80% true. It is also distinctly fragrant.

5721 —SALMON QUEEN. A pleasing shade of bright salmon pink with small white eye. Tight compact habit. Pkt., 25c.

5720 —VIVID. The most brilliant sunproof scarlet, a bright intense color. Large uniform trusses, and proportionately large florets. The numerous trusses growing close together form a solid carpet about 8 in. tall. The tight compact growth eliminating the open centers. Pkt., 25c.

Each of the above, except as noted, pkt., 15c.

5726 BUSH TYPE MIXED. Plants of uniform bushy habit about 8 to 10 inches high, with flower heads practically touching each other. A ribbon of color for the border. Includes vivid red, salmon pink, attractive mid-blue with white eye and clearest white. Pkt., 25c.

5730 VERBENA Vaughan's Best Mixture.

Includes all the Hybrida and Gigantea sorts and other sorts not listed and we feel perfectly safe in stating this mixture of Verbenas will eclipse every other strain offered by any other house, and it will produce flowers that will delight all beholders through the summer. ½ oz., 65c; pkt., 15c.

Begonias:

From seed.
See page 55



5738 VERBENA Sparkle Pkt., 25c.



5805 Yellow Gem. 5790 Blue Perfection. 5805 Chantreyland. 5806 White Perfection.
Each—packet 25c

Hardy Violas

Culture: A or B, Page 57

BECAUSE of their free flowering habit and long season of bloom, Violas are becoming rapidly more popular for use in the foreground of the border, in small beds, and in rockeries, where their dwarf spreading habit is welcomed. They continue flowering all summer. Seeds germinate in 10 days.

MISCELLANEOUS VIOLAS

5797 JOHNNY-JUMP-UP OR VIOLA TRICOLOR. They are more hardy than others and if allowed to seed will carpet a Rose or Iris bed with a mass of flowers early in May. They bloom all season. Purple, blue and yellow are the three colors that give them their name. Pkt., 25c.

5811A NIGRA OR BLACK IMP. Quaint little flowers of velvety black coming quite true. Blooms quickly first year from seed. Pkt., 25c.

CORNUTA TYPE—10 IN.

5790 BLUE PERFECTION. Light Blue. Pkt., 25c.
5804 CHANTREYLAND. Apricot. Pkt., 25c.
5796 JERSEY GEM. Pure violet; fragrant. Pkt., 25c.
5802A KING HENRY. Deep purple-violet with yellow eye. Pkt., 25c.
5806 WHITE PERFECTION. Finest white. Pkt., 25c.
5805 YELLOW GEM. Clear yellow. Pkt., 25c.

CORNUTA HYBRIDA (LARGE FLOWERS)

5787 ARKWRIGHT RUBY. Bright ruby crimson shaded terra-cotta; fragrant. Pkt., 25c.
5790A CHINESE BLUE. A round-faced type such as Jersey Gem with flowers of pure sky-blue. Pkt., 25c.



5740 VERBENA DWARF DELIGHT. Pkt., 35c.

Decorative Zinnias

Culture: A or B, D or E, Page 5

THEY bloom in great profusion—standing well out above the foliage and registering as a color mass in the picture. They are also excellent for cut flowers. Do not sow seed until ground is warm. In fertilized soil and watered freely, flowers will be more completely double. Seeds germinate in 5-7 days.

Giant Zinnias

Modern plant breeding has made obsolete old distinctions between giant types of Zinnias. The following listing combines the finest of these types, regardless of old classification. All are full, deep types with large flowers. These have been selected as the best Zinnias based on customer's reports and our Trials.

- 6131 **CANARY BIRD.** Rich canary yellow.
 - 6164 **CHERRY QUEEN.** Brilliant cherry
 - 6133 **CRIMSON MONARCH.** Rich crimson, largest and best of red shades.
 - 6134 **DREAM.** A fine, deep rosy lavender.
 - 6135 **EXQUISITE.** Light rose with center a deep rose
 - 6168 **ISABELLINA.** Soft cream-yellow. Distinct Blending well in all color combinations in the garden or flower arrangement. Pkt., 25c.
 - 6163 **MISS WILLMOTT.** Soft pink.
 - 6139 **POLAR BEAR.** Large pure white.
 - 6143 **ROYAL PURPLE.** Deep rich reddish purple
 - 6143A **WILL ROGERS.** A most beautiful scarlet red.
- Each of the above, except as noted. Pkt., 15c, any four pkts., 50c.

Gay Mixtures for the Border

- 6156 **CALIFORNIA GIANTS, VAUGHAN'S SPECIAL MIXTURE.** This is specially blended from a prepared formula to insure well balanced color harmony, and will make a gorgeous display in mass planting; in the cutting garden it insures an all-summer supply of flowers for bouquets. $\frac{1}{2}$ oz., \$1.35; $\frac{1}{4}$ oz., 75c; pkt., 15c.
- 6145 **GIANT DAHLIA FLOWERED GOLD MEDAL MIXED.** A bewildering variety of delightful colors, all giant flowers. $\frac{1}{2}$ oz., \$1.35; $\frac{1}{4}$ oz., 75c; pkt., 15c.
- 5901 **SUPER CROWN OF GOLD PASTEL TINTS.** Large well-formed flowers in rich pastel shades, each petal overlaid at the base with deep golden yellow. Pkt., 15c.
- 5893 **ZINNIA VAUGHAN'S SPECIAL MIXTURE OF ALL TYPES.** This is intended for the cutting garden, and includes all colors and types of Zinnias, large and small flowered, as well as Gaillardia flowered, Fantasy and other novelty strains. Most interesting combinations of form and color can be made in bowls and vases with flowers cut from a row of this mixture. Pkt., 25c.
- 6170 **VAUGHAN'S SPECIAL MIXTURE OF ALL GIANT SORTS.** This includes all giant varieties listed and many others. All colors are represented. Planted in a mass, it will produce a display of vivid colors; in the cutting garden it will provide cut flowers of giant size and a full range of colors from July until killing frosts come in the fall. $\frac{1}{2}$ oz., \$1.35; $\frac{1}{4}$ oz., 75c; pkt., 25c.



Tom Thumb Zinnias

- 6030 **ZINNIA LILLIPUT TOM THUMB MIXTURE.** Small double flowers cover the plants which grow 8 to 10 inches tall. Red, orange, pink, yellow and white pastels. Delightful for low bowls. Pkt., 15c.



All-Type Zinnia Collection

8 Packets (\$1.50 value) \$1.00

- 6185 **ALL-TYPE ZINNIA COLLECTION.** So varied are the forms and colors of the zinnia, an entire garden can be planted with this native American flower. The illustration above shows distinct forms, varying from dwarfs to giants, bearing small flowers and large, capable of filling every garden role. One packet each of the following eight varieties are included in the collection: Dahlia Flowered Gold Medal Mixture; Fantasy Mixture; Cupid Mixture; Pumila Vaughan's Special Mixture; Lilliput Vaughan's Special Mixture; Cactus Flowered Giant Hybrids; Persian Carpet; California Giants Vaughan's Special Mixture. All eight packets (value \$1.50) for \$1.00.



- 6043 **PERSIAN CARPET.** 18 in. All America Honorable Mention 1952. On compact bushy plants, flowers as large as a silver dollar are produced in the greatest abundance. They resemble dahlias, rather than zinnias, with pointed petals tipped with contrasting colors. They are fully double, almost globular and their colors are deep and rich, including yellow, orange, red, crimson, maroon, and pink in harmonious patterns, which fully justify its poetic name, Persian Carpet. They grow quickly from seed and bloom with increasing abundance until killed by frost. Pkt., 25c.



6075 **ZINNIA Lilliput, Vaughan's Special Mixed.** Pkt., 15c.

Lilliput Zinnias

The plants form handsome little bushes and fairly bristle with tiny, short-stemmed, very double flowers. They bloom all summer. 12 to 15 in.

- 6071 **BLACK RUBY.** Rich deep maroon
- 6052 **BRIGHT PINK.** (Deep flesh.)
- 6073 **CANARY YELLOW.**
- 6068 **ROSE BUD.** Rose-pink.
- 6063 **SALMON ROSE GEM.**
- 6067 **WHITE GEM.**

Each of above; Pkt., 15c.

- 6075 **LILLIPUT VAUGHAN'S SPECIAL MIXED.** Oz., \$1.75; $\frac{1}{4}$ oz., 75c; pkt., 15c.

- 6070 **LILLIPUT PASTEL MIXTURE.** 15 in. A carefully chosen mixture of pastel tints of yellow, pink, rose and orchid. They flower in 45 days. Pkt., 15c.



6133 **ZINNIA Crimson Monarch.** Pkt., 15c.

Colorful Zinnias



5910 ZINNIA FANTASY MELODY. Pkt., 25c.

Fantasy Type

2½ ft. shaggy, ray-like petals, like Cactus Dahlia

5910. **MELODY.** Soft orchid lavender.

5912 **ORANGE LADY.** Bright deep orange

5911 **ROSALIE.** Intense rose.

5909 **STAR DUST.** Deep golden yellow

5913 **WHITE LIGHT.** Pure white.

5914 **WILDFIRE.** Rich dazzling scarlet

Each of the above, pkt., 25c.

5908 **MIXED.** A bright colorful mixture of shaggy petaled double flowers. ¼ oz., 75c.; pkt., 25c.

Cut-and-Come Again

PUMILA DOUBLE

These bushy plants with their wealth of bloom are showy garden subjects as edgings or in mass plantings. The more they are cut, the more they bloom.

6080 **SNOW BALL.**

6100 **WATERMELON PINK.** A very pleasing and charming shade of salmon-rose.

6097 **PINKIE.** Rose-pink.

Each of the above, pkt., 15c; 2 pkts., for 25c.

6103 **PUMILA VAUGHAN'S SPECIAL MIXED.** ¼ oz., 50c. Pkt., 15c

6099 **SUNSHINE TINTS.** New rich pastel shades. Fine for cutting or for borders. Flowers average 2 in. across and plants are about 18 in. tall. Pkt., 15c.

A new type of Zinnia

5920 **MISS UNIVERSE.** Giant flowers on dwarf plants are sure to be welcomed by the home gardener. Flowers are huge, 7 inches across, and the colors bright, including new tones of gold, red and orange, pastel pinks, white and cream; also some bicolors and other color combinations never before seen in Zinnias. Base branching plant habit gives you stems sufficiently long for cutting. Remains dwarf and attractive in appearance even during the hot summer months. So novel are the flower formations and so rich the color range, you will want them in your garden. Pkt., 25c.



8585 **VIOLA GEORGIA PEACH.** Bright shades of delicately peach colored blooms, slightly ruffled on the edges. Plants are uniformly compact and well formed. Pkt., 25c.



Pure Cream Zinnia

5885 **ZINNIA ICE CREAM.** The first giant pure cream Zinnia. Distinctive cactus blooms, up to 5 inches and more in diameter, deep and fully formed. The color is deep enough to be interesting, yet so delicate it combines well with even the most vivid of reds and blues. Pkt., 25c.



6110 **ZINNIA RED RIDING HOOD.** 1 ft. Of compact form, covered the entire season with double scarlet flowers not over an inch across; as a border plant it is highly effective. ¼ oz., 75c; ½ oz., 40c; pkt., 15c.

Smallest Single Zinnia

6127 **LINEARIS.** 10 in. The flowers, with a single row of petals, are one and one-fourth inches in diameter; at first each golden orange petal carried a greenish stripe down the center and a greenish tip, but as the flower developed the green turned to light yellow, making a pleasing contrast with the orange of the outer portions. The quarter-inch orange center cushion turned dark as the flower developed. Early flowering. Pkt., 15c.

Midget Zinnias

Cupid Type. The smallest of all. 1 ft.

Compact plants of bushy habit. Each upright stem bears a flower 1 in. in diameter. Ideal for cutting and for use in miniature vases.

6025 **CUPID MIXED.** Pkt., 15c.

Seeds of Hardy Perennials

DIANTHUS BARBATUS (SWEET WILLIAM)

Culture: A, B, D or E, Page 57

In early June, when summer flowers are not yet in bloom and there is little in the garden available for cutting, the Sweet William is most welcome. Seeds germinate in 8 days.



7715 **VAUGHAN'S SPECIAL MIXTURE OF SWEET WILLIAM** of all sorts listed, and others. Pkt., 25c.



8313 **POPPY ORIENTALE NAMED NEW VARIETIES.** Seed collected from a field of the newer named sorts. Lovely pinks, rose and white. Pkt., 25c



PAINTED DAISIES

8438 **PYRETHRUM ROBINSON'S HYBRIDS, MIXED.** A selection made by an English specialist, with a fine color range. Pkt., 25c



HARDY YELLOW ALYSSUM

7055 **ALYSSUM SAXATILE COMPACTUM (BASKET OF GOLD).** 9 in. Almost as soon as winter is over it becomes a mass of yellow gold. Pkt., 15c.

Variety: Spice in the Garden, Too

There are annuals not as commonly planted as those listed on pages 16-42 in color. These are by no means of less value in the garden. Because they add variety to the more popular items, they are truly "spice the garden," and are listed for the benefit of advanced gardeners who need no color and elaborate description to identify favorites.

A NOTE ON HABIT: Heights given are averages for several years of annuals grown at our trials in the Midwest. These may differ from those shown on packets, which are averages for the entire United States. All annuals may vary in height or spread due to variations in soil, moisture, light and temperature.



166 **ACROCLINIUM. Double Giant Mixture.** Pkt., 15c

Acroclinium (Everlasting)

Culture: A, B, D or E, Page 57
These resemble the English daisy, lovely pastel colors which remain unfading when dried for winter bouquets. Blooms in six weeks. Germinates in 15 days.
165 SENSATION DOUBLE GIANT MIXTURE. 20 in. Double or semi-double flowers of white, chamois flesh pink and bright rose. Pkt., 15c.

Anchusa Blue Bird

Culture: A, B, D or E, Page 57
1-2 ft. One of the best blue annuals, bearing on upright branching stems terminal spikes of forget-me-not flowers, intense blue with white eye. By cutting back the growth when flowers fade, all-summer bloom may be assured. Seed germinates in 15 days and growth is rapid. Pkt., 25c.

Runner Beans

166 SCARLET EMPEROR. Runner beans serve a double purpose—they provide both flowers and food. Some persons do not realize that these beans are good to eat, yet in England they are grown by the acre by market gardeners for their city trade. Pkt., 15c

Bird of Paradise

Culture: D, Page 57
169 PIONCIANA GILLIESI. 2 ft. Popular name is due to fancied resemblance of the flowers, in profile, to the head of the Bird of Paradise. Blossoms are of rich golden yellow, with long incurving stamens and pistils of crimson. Germinates in 15 days. Seed should be started under glass and plants carefully hardened off before setting in the garden. Very susceptible to cold. This is not the commercial variety seen in local florist shops but is a fine garden strain. Pkt., 15c.

Calceola (Tassel Flower)

Culture: A only, Page 57
A "perky little" annual blooms in a few weeks from seed. The flowers of scarlet or gold on branching stems exactly as the name indicates fluffy tassels, less than half an inch in diameter. Blooms until heavy frost. These in a copper bowl with the Castor Bean (Rhus) seed pods and leaves for a lovely effect. Seed germinate in 15 days.

170 MIXED. 2 ft. Scarlet and yellow. Pkt., 15c.

Gay Calliopsis Clan

Culture: A, Page 57
Annual Coreopsis, its flowers are similar in form, many are marked with bands or centers of contrasting tones. Colors include variations of yellow and orange including brown, maroon and almost crimson. Seed germinate in 10-20 days.

165 VAUGHAN'S SPECIAL MIXTURE. It contains all the desirable types and colors of these beautiful flowers. A great number of kinds have been especially selected for it. Pkt., 15c.



311 **ANCHUSA. Blue Bird. Pkt., 25c.**

Candytuft (Iberis)

Culture: A, B, D or E, Page 57
Successive planting give flowers all summer. Seed germinates in 5-10 days.

1260 GIANT HYACINTH FLOWERED WHITE. 1 ft. Large, bold spikes of snowy white flowers. Plant sturdy and compact. Pkt., 15c.

1287 UMBELLATA MIXED. 1 ft. Flowers in umbrelliform. ¼ oz., 30c; pkt., 15c.

1295 FAIRY MIXED. Compact little plants in a wide range of color. For bedding or border, wherever a ribbon-like effect of lively color is desired. Early and free flowering. 8 in. Pkt., 25c.

Cardinal Climber

Culture: A, B, D or E, Page 57
1320 A very attractive rapid grower, attaining a height of 25 feet. Beautiful fern-like laciniated foliage. Fiery cardinal-red flowers from mid-summer to frost. Germination takes 5-10 days. Pkt., 15c.

Chrysanthemums

Annual Single Flowering 20 in.

Culture: A, D or E, Page 57
Of the easiest culture; flower profusely during late summer and fall. They are showy in the garden and fine for cutting. Prefer heavy soil. All types should be pinched back to encourage branching. Seeds germinate in 8 days.

1696 VAUGHAN'S RAINBOW MIXTURE. This wonderful strain of Carinatum Hybrids includes purple, scarlet, orange, salmon rose, yellow, white all beautifully zoned. Pkt., 15c.

Double Clarkia

Culture: A, B, D or E, Page 57
The lovely Clarkias are effective in the garden or as cut flowers in the home. Great spikes of double and semi-double flowers in the daintiest colors are produced from the poorest soil. Plant in shade. If the roots are confined by growing in small pots, they will bloom earlier. Seeds germinate in 8 days.

1790 VAUGHAN'S SPECIAL MIXTURE. 3 ft. Made up especially from named varieties ¼ oz., 35c; pkt., 15c.

Yellow Cosmos

1930 YELLOW FLARE. 3 ft. Bright clear yellow. The single flowers are about 2½ in. across, produced in abundance. Delightful when used in flower arrangements. Give same cultural care as Fiesta. Pkt., 25c.

Ornamental Cotton

1997 Sown indoors, and transplanted after danger of frost is over, cotton plants develop quickly into low bushes of definite ornamental value, with lovely pink buds followed by creamy blossoms. The white bolls make winter bouquets. Sorry, cannot be sent to California on account of quarantine regulation. Pkt., 25c.



1295 **CANDYTUFT. Fairy Mixed. Pkt., 25c.**

Chinese Forget-Me-Not CYNOGLOSSUM

Culture: A, B, D or E, Page 57
On upright branching stems, terminal spikes of blue flowers are borne throughout the summer. One of the finest sources of blue masses in beds or borders. Seeds germinate in 8 days.

2015 BLUE BIRD. 18-24 in. Produces long sprays of sky-blue Forget-Me-Not like flowers. Grows easily and blooms for a long season. A most delightful addition to our list of blue flowers. ¼ oz., 30c; pkt. 15c.

2020 FIRMAMENT. 12 in. It is dwarf, free-blooming over a long season; flowers a bright indigo blue. It is recommended for dry, poor soil. Pkt., 15c.

2024 MIXED. Blue and White. Pkt., 25c.

Cypress Vine

Culture: A, D or E, Page 57
A graceful, twining annual climber with fernlike foliage and star shaped blossoms. Sow when ground is warm, first soaking seeds in warm water, germination takes 5-10 days.

2040 MIXED. Scarlet and white, Pkt., 15c.

Didiscus

2310 LACE VEIL. The paper-white counterpart of the old garden favorite, Blue Lace Flower, early free flowering with long stems making it ideal for cutting. 2½ ft. Pkt., 25c.

Gloriosa Daisy

Culture: A or B, Page 57
2055 Long broad petals of bold gaily colored blooms in shades of golden orange and gold, mahogany and bronze and mahogany and gold, are set off by dark velvety centers. They are easy to grow, with flowers up to 7 in. across on long strong stems which completely top the 3 ft. plants. In bloom from early summer until late fall. A long-lasting cutflower. Pkt., 25c.

Mixtures of Annuals containing many different species, such as our Surprise Garden Mixture and Annuals for Cutflower Mixture, should be sown in two lots. Some species grow best under cool conditions, while others do best in warmer soil.

We recommend sowing the first lot as soon as the ground can be worked in Spring. The second should be sown when late Tulips are in flower, or when peony buds are showing color. This double sowing will give a much wider range of Annuals from a single packet.

Daisy Corner

2050 VAUGHAN'S MIXTURE OF ANNUAL DAISIES. These simple flowers have a charm of their own. We have a mixture of the most popular sorts. They will add a definite touch to your garden besides good cutting material for the home. Pkt., 25c.

African Daisy

(Dimorphotheca)

Culture: A, B, D or E, Page 57

Showy annuals from South Africa, bearing gorgeous, Daisy-like blooms during summer and fall. Easy culture in well-drained soil, sunny exposure. Seeds germinate in 15 days.

2318 GLISTENING WHITE. 6 to 8 in. The petals of the daisy-like flowers 4 inches in diameter, glisten like white enamel. They are borne freely on low, spreading plants, like hot sun and dry weather, and flower long after frost. Pkt., 25c.

2320 GOLD DAISY. 1 ft. A rich orange gold, which is rendered more conspicuous by dark center disc. Pkt., 25c.

2325 HYBRIDS. 1 ft. They vary in color from pure white to red and blush including sulphur, lemon and bright golden yellow, light orange, reddish yellow and pale salmon-rose. Pkt., 15c.

California Poppy

Escholtzia Californica

Culture: A, B, D or E, Page 57

Plants of low spreading growth with finely cut silvery foliage bear gaily colored Poppy-like flowers with satiny petals. Do well in any well drained, loose soil and sunny position. Bloom early and continue until frost. Seed germinates in 8 days.

2415 VAUGHAN'S SPECIAL MIXTURE. Containing all the more important colors and color-combinations. $\frac{1}{8}$ oz., 40c; pkt., 15c.

Everlastings

2440 MIXED. A formula blend of varieties which can be dried for bouquet work, including Statice, Gomphrena, Xeranthemum, Acroclinium, Salvia Blue Bedder and others. Pkt., 15c.

Blue Gilia

Culture: A, B, C or D, Page 57

Seed germinates in 20 days.

2532 CAPITATA (Blue Thimble Flower). 2 ft.

Bushy plant of erect habit with fine feathery foliage covered all summer with rich sky-blue flowers. 1 inch across. Makes a good cut flower. May also be dried and used as everlasting. Pkt., 15c.



2861 HUNNEMANNIA. Sunlite. Pkt., 15c.

Globe Amaranth

(Gomphrena)

Culture A or B, Page 57

2536 BUDDY. An excellent dwarf strain for edging. Uniform ball shaped plants 6 in. tall with vivid purple blooms. In flower over a long season. Pkt., 25c.

Godetia (Satin Flower)

Culture: A, B, D or E, Page 57

Attractive, bushy plants with masses of large, colorful blooms during the summer and fall. Thrive best in a cool, moist soil. Seeds germinate in 15 days.

2595 DOUBLE VAUGHAN'S SPECIAL MIXTURE.

Double flowers closely set on spike, bright and attractive. Pkt., 15c.



Gourds

Culture: A, B, D or E, Page 57

Gourds make attractive decorations at autumn parties and harvest festivals. The small ones may be placed in bowls for table decorations. Bird houses, dippers, bowls and toys are made of others. The vine is an excellent cover for arbors and trellises. Leaflet on culture sent free if asked for with order. Seeds germinate in 15 days.

SMALL FRUITED VARIETIES

- 2607 Bottle Miniature
- 2609 Crown of Thorns. Pkt., 25c.
- 2643 Spoon
- 2646 Warted Sorts Mixed
- 2650 Small Fruited Varieties Mixed

LARGE FRUITED VARIETIES

- 2610 Dipper
- 2618 Hercules Club
- 2645 Turk's Turban
- 2651 Large Fruited Sorts Mixed

Each of the above, except as noted, pkt., 15c; 2 pkts., for 25c.

2660 VAUGHAN'S SPECIAL MIXTURE. All shapes and sizes of these interesting fruits, so fashionable for ornaments, bird houses, and utensils, are included in this mixture. $\frac{1}{2}$ oz., 85c; pkt., 15c.

Hunnemannia

Culture: A, or B, D or E, Page 57

2861 SUNLITE. 1 $\frac{1}{2}$ ft. Gorgeous, semi-double, clear canary-yellow blooms. The extra rows of short petals are on the outside instead of the inside of the Tulip-shaped flowers. Light gray-green foliage. Flowers last two to three days. Seeds germinate in 10 days. Pkt., 15c.

Kochia-Burning Bush

Culture: A or B, D or E, Page 57

2965 CHILDSII. 2 $\frac{1}{2}$ ft. Pyramidal bushes of a pleasing light green. The plant may be grown singly or in the form of a hedge or background. Seeds germinate in 15 days. $\frac{1}{2}$ oz., 40c., pkt., 15c.

Lantana

Culture: D or E, Page 57

A tender perennial grown as an annual in cold winter sections. May be grown in pots, or set out in Summer. Remain in bloom late in autumn.

2975 TALL MIXED. 2 $\frac{1}{2}$ ft. Verbena-like flowers in shades of white, red and yellow. Fragrant. Pkt., 15c.

5844 ANNUALS FOR WINDOW OR PORCH BOX IN MIXTURE. A charming selection of quick growing annuals including both compact and trailing types with brilliant colors and long flowering season. Pkt., 25c.

Marigolds for Color



3174 MARIGOLD. Harmony. Pkt., 15c.

Double Dwarf French

3163B YELLOW PYGMY. 8 in. Light lemon-yellow Lilliput French double. Small, 1 $\frac{1}{4}$ in. blooms, rather free and exciting for edging beds. Pkt., 15c.

3174 HARMONY. 1 ft. Dwarf, compact, early, golden yellow bordered maroon red. Pkt., 15c.

3175 VAUGHAN'S SPECIAL MIXTURE OF DWARF DOUBLE AND SINGLE VARIETIES. These dwarf, compact strains are very attractive, each plant being covered with hundreds of small bright flowers, including listed varieties and many others of charming variations. $\frac{1}{8}$ oz., 50c., pkt., 15c.



3115 MARIGOLD. Man-in-the-Moon. Pkt., 25c.

Carnation Flowered

3129 CALIFORNIA GOLD. 2 $\frac{1}{2}$ ft. Attractive deep orange flowers, with long loose petals artistically arranged, without Marigold odor. Flowers 2 $\frac{1}{2}$ in. across on good wiry stems. Pkt., 15c.

3115 MAN-IN-THE-MOON. 3 ft. Solid round carnation-like flower heads composed of broad, crisply ruffled taffeta-like pale moon-yellow petals. Plants vigorous and the strong stems make it ideal for cutting. The flowers of this lightest of all Yellow Marigolds are 3 to 3 $\frac{1}{2}$ inches across. Pkt., 25c.

3131 REAL GOLD. 2 ft. Large carnation-type flowers up to 4 $\frac{1}{2}$ inches across are borne on compact bushes, rather late in season. Color is golden orange illumined with yellow and flowers are abundant. Pkt., 25c.



1155 MARIGOLD Super Giant Mixed. Pkt., 25c.

1155 SUPER GIANT MIXED. All the large flowered sorts, including the new varieties. Pkt., 25c.

Single French

189 SUNNY. 15 in. Cheerful, single, bright yellow flowers, about 2 in. across with attractive wavy edges. Plants are well-rounded, and covered with blooms. Pkt., 25c.

187 FLASH. 18 in. All America Silver Medal. The name is descriptive of the bright combination of colors which range from vivid red through bronze with a few yellow flowers. Flowers grow $1\frac{3}{4}$ in. across. Pkt., 25c.

179 NAUGHTY MARIETTA. 2 ft. Golden yellow flowers with mahogany star in center, 2 to $2\frac{1}{2}$ in. across. Dwarf showy plants completely covered with bloom. Pkt., 25c.



Mexican Marigolds

10 SIGNATA PUMILA LULU. Very compact plant. New Midget Varieties. 7 inches tall, and 12 inches in diameter, completely covered with single dainty florets, $\frac{3}{4}$ in. across. A pleasing shade of bright canary yellow, without a zone but with a small eye that is a trifle darker. Pkt., 25c.

11 SIGNATA PUMILA URSULA. 7 in. Florets measure $\frac{3}{4}$ inch across, of a bright golden orange with a brighter orange zone and eye. Like Lulu it is outstanding for the garden border, edgings and in the rockery. It was in full bloom throughout the season in our Trials. Pkt., 25c.

25 HONEYCOMB. The florets of intense orange are so arranged as to resemble a honeycomb. Early free flowering and entirely without the usual Marigold odor. 2 ft. Pkt., 25c.

Evening Scented Stock

Culture: A or B, Page 57

12 MATTHIOLA BICORNIS. 15 in. Lilac flowers emit a delicious perfume. Seeds germinate in 10 days. Pkt., 15c.

Mesembryanthemum

(Ice Plant)

2869 CRINIFLORUM (Livingstone Daisy). 6 in. Plants of slightly spreading daisy-like flowers, 2 inches, pure white edged with rose, crimson, pink and buff; and self colors. Will grow in crevices of paving or old walls and thrives in poor and sandy soil. Seed germinates in 8 days. Pkt., 25c.

Mignonette (Reseda)

Culture: A or B, Page 57

Old-fashioned flower highly prized for fragrance, either in the garden or in mixed bouquets. The plants resent moving. Sow where they are to bloom, thin to a foot or more apart. Seeds germinate in 8 days.

3245 MACHET SELECT. 15 in. It is the best Mignonette for all purposes. It is an ever-bloomer, the flowers lasting until late in the fall. $\frac{1}{4}$ oz., 35c; pkt., 15c.

Sensitive Plant

Culture: D or E, A or B, Page 57

3270 MIMOSA. 1 ft. A pretty and curious foliage plant with leaves like those of the Acacia. They are very sensitive and close up immediately if touched or shaken. Flowers like pink fluffy balls. Seeds germinate in 10 days. Pkt., 15c.

Irish Shamrock

4761 This is the true Irish strain. Started in a sunny window in January or February it will produce sturdy plants by St. Patrick's Day. A species of clover. Pkt., 15c.



4806 STATICE. Sinuata New Hybrids. Pkt., 15c.

Statice

(For Winter Bouquets)

Culture: D or E, Page 57

Our annual Statice is not only a beautiful flower in the border, but dries retaining its true colors, and is indispensable in making winter bouquets. Seeds germinate in 30 days.

4806 SINUATA NEW HYBRIDS. 30 in. Art Shades, in a mixture for the garden and winter bouquets. Pkt., 15c.

Annual Sunflowers

Seeds germinate in 15 days.

Culture: A or B, D or E, Page 57

2700 GAILLARDIA-FLOWERED OR RED SUNFLOWER. 4 to 8 ft. Some flowers of a rich chestnut-red, others tipped with yellow. Pkt., 15c.

2713 SUN GOLD. 4 ft. Fully double flowers burst into bloom on the same day. 70 days after sowing. Pkt., 15c.

2725 RUSSIAN MAMMOTH. 8 ft. Single, of gigantic dimensions. The Kansas Sunflower. $\frac{1}{4}$ lb., 35c; 1 oz., 15c.

2760 VAUGHAN'S SPECIAL MIXTURE. Includes all the single and double Sunflowers above and others. $\frac{1}{2}$ oz., 25c; pkt., 15c.

THUNBERGIA

Culture: D or E, Page 57

5640 ALATA MIXED. An interesting climber. Makes a dense growth and produces an abundance of flowers in shades of yellow, buff and orange, all with black centers. Pkt., 25c.



4949 STOCKS. Bismarck Mixed. Pkt., 15c.

Colorful Stocks

Culture: A, B, D or E, Page 57

STURDY flower spikes covered with rosette blossoms in soft colors of an exceptional tone range. Stocks require a rich soil of a sandy, well manured loam. Only 60 per cent will come double. Sow seed early in the house and transplant outside when all danger of frost is over. A cool temperature crop.

BISMARCK OR GIANT IMPERIAL

If sufficient room is given, the plants form magnificent bushes with long and thick flower stalks. $2\frac{1}{2}$ ft.

4949 BISMARCK MIXED. Pkt., 15c.

Tithonia

5644 TORCH. All America Silver Medal 1951. A dwarf form of this Mexican plant with brilliant orange-scarlet flowers. Of compact upright bushy form, and strong straight stems for cutting. Pkt., 15c.

Vinca Rosea

(Periwinkle)

Culture: D or E, Page 57

Sow seed after last frost in open ground and thin to 1 foot apart or sow inside and transplant after frost is over. Although most satisfactory in shade, it does equally well in hot sun. 18 in. Seeds germinate in 10 days.

5775 MIXED. Pkt., 15c; 5770 WHITE. Pkt., 15c.

Annuals for Shady Locations

| | | |
|-----------------|-------------|----------------|
| Anchusa | Coleus | Nemophila |
| Antirrhinum | Cynoglossum | Pansy |
| Begonia | Impatiens | Petunia, Small |
| Bellis Perennis | Linaria | Fld. |
| Canary Bird | Myosotis | Schizanthus |
| Vine | Nasturtium | Stocks |
| Centlaurea | Nicotiana | Torenia |
| Clarkia | | Violas |

4746 ANNUALS FOR SHADE MIXED. Pkt., 25c.

Mixtures of Annuals containing many different species, such as our Surprise Garden Mixture and Annuals for Cutflower Mixture, should be sown in two lots. Some species grow best under cool conditions, while others do best in warmer soil.

We recommend sowing the first lot as soon as the ground can be worked in Spring. The second should be sown when late Tulips are in flower, or when peony buds are showing color. This double sowing will give a much wider range of Annuals from a single packet.

For the difficult spot in your garden, try Coleus Vaughan's Rainbow Mixture. Does well in shaded and semi-shaded locations where protection from the bright sun brings out the rich colors. Take a few cuttings from your plants to grow on in the house for winter flowering.

Vaughan's Perennial Flower Seeds

PERENNIAL SEEDS Sown in early Spring will result in larger plants which, if set in permanent location in Fall, give normal bloom the following Summer. Perennials from seed assure your having an abundance of plants at a small outlay.

PERENNIAL PLANTS We can only supply those priced in our catalog. Plants should be set out in May, when danger of frost is over. **ORDER EARLY** to insure delivery at proper time.



7055 ALYSSUM Saxatile Compactum

Achillea (Yarrow)

Culture: D or E, Page 57

Achilleas grow readily from seed in sunny, well-drained positions. They are fine border flowers. Seeds germinate in 12 days.

7008 EUPATORIUM FILIPENDULA, PARKER'S VARIETY. 3 to 5 ft. June-Sept. Clear yellow flower-heads, may be dried for winter bouquets.

SEEDS: Pkt., 15c. **PLANTS:** 3 for \$1.80; 10 for \$5.75.

7010 THE PEARL. 2 ft. June to August. Pure white, double flowers, fine for cutting.

SEEDS: Pkt., 15c. **PLANTS:** 3 for \$1.80; 10 for \$5.75.

Aconitum (Monkshood)

Culture: C, Page 57

Aconitums need rich, acid soil and prefer shade. Seed may be sown in the fall, as it germinates in 20-30 days. They should not be moved when once established, and require a mulch in winter. The roots are poisonous.

7020 NAPELLUS. 2½ ft. July-August. Fine rich blue flowers. Pkt., 25c.

Alyssum (Madwort)

Culture: B, D or E, Page 57

Seeds germinate in 5-10 days.

7055 SAXATILE COMPACTUM (BASKET OF GOLD). 9 in. Almost as soon as winter is over it becomes a mass of yellow gold.

SEEDS: Pkt., 15c. **PLANTS:** 3 for \$1.80; 10 for \$5.75.

7056 —COMPACTUM SULPHUREUM CITRINUM Lovely pale lemon flowers. Very effective with lavender or pink Tulips. Pkt., 15c.

7057 ROCK GARDEN VARIETIES MIXED. Many rare species in mixture. Pkt., 15c.

Anchusa (African Forget-Me-Not)

Culture: B, D or E, Page 57

Anchusas provide some of the few really blue flowers. They do best in a deep, well drained soil, in a sunny position. All are excellent bee plants. Seeds germinate in 20 days.

7070 ITALICA, DROPMORE VARIETY. 5 ft. June-July. Gentian-blue flowers. Pkt., 15c.

7071 —FELTHAM PRIDE. Extra large flowers of very bright blue. Compact habit. 3 ft. Pkt., 25c.

7073 MYOSOTIDIFLORA. 1 ft. April-May. Blossoms with the late Tulips, forming a mound of attractive foliage almost hidden by pale blue Forget-Me-Not blossoms. Germination is slow. Pkt., 35c.

Anemone (Windflower)

Culture: B, C, D or E, Page 57

Seeds germinate in 15-20 days.

7080 CORONARIA ST. BRIGID'S STRAIN. 12 in. May-June. Double and single mixed. A beautiful selection in a wonderful array of colors. Pkt., 25c.

7090 PULSATILLA (PASQUE FLOWER). 1 ft. Deep blue, bell-shaped flowers in April are followed by tasseled seed-pods, decorative in themselves.

SEEDS: Pkt., 25c.

PLANTS: 3 for \$2.00; 10 for \$6.25.

WHY YOU WILL FIND VAUGHAN'S PERENNIALS THE BEST

Because we make a specialty of growing them to perfection, and make it our point to give you **SERVICE, QUALITY AND VALUE.** Our plants make **REAL ROOTS**, and what is more important to a Perennial than a **GOOD ROOT SYSTEM?**

All plants offered in this list are strong, field grown, two year old, transplanted, unless otherwise specified. Biennials are one year old. Our plants bloom the first season. Please state whether we may substitute in case we are short.

DELIVERY GUARANTEE

We guarantee that all perennial plants are properly matured for use of the home gardener and that they will reach the customer in good condition.

Any complaint as to quality or condition of plants must be made at once upon receipt of shipment, and letter accompanied by packing sheet.

Please remember that a plant is a living organism, it feeds, drinks and breathes and must be cared for accordingly.



7073 ANCHUSA, Myosotidiflora.

Anthemis (Marguerite)

Culture: B, D or E, Page 57

Seeds germinate in 8 days.

7114 TINCTORIA, PERRY'S VARIETY. 2 ft. Large lemon-yellow Daisies, bloom all summer.

SEEDS: Pkt., 25c.

PLANTS: 3 for \$1.60; 10 for \$4.85.



7143 AQUILEGA Longissima.

Add Postage for Plant Orders

All Plants Shipped Direct from
Ovid, Mich.

Plant prices on these pages do not include postage. Add 10% of the value of your plant order for packing and postage. Shipments larger than 12 plants will be made by express collect, unless otherwise instructed.

Check your order carefully before mailing. It is almost impossible to make changes on orders after they have been placed in process of filling.

Plants by Express

We recommend this mode of transit where quantities are 12 plants or over. We pack carefully.

No C. O. D. Shipments



7150 AQUILEGA, Mrs. Scott Elliott's Strain.

Columbine (Aquilegia)

Culture: B, C, D or E, Page 57

ONE of the best-known and best-loved perennials. Dwarf varieties for the rock garden, tall varieties for the border and for cutting, all are easily grown from seed. They prefer light shade, and thrive in any fairly rich soil. Seeds germinate in 30 days.

7150 MRS. SCOTT ELLIOTT'S STRAIN OF LONG SPURRED HYBRIDS. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc., with soft pastel tones dominating.

SEEDS: Pkt., 25c. **PLANTS:** 3 for \$1.80; 10 for \$5.75.

7160 CELESTIAL BLUE. Outstanding Scotch Strain. Large flower, long spurs. Petals rich blue, corolla and spurs lighter blue. Comes true from seed. Pkt., 25c.

7156 LONG-SPURRED CRIMSON STAR HYBRIDS. The brightest red Columbine, long spurs and outer petals, rich crimson, center petals white; about 10% will be other interesting bicolors. Three-inch flowers on 2-foot stems.

SEEDS: Pkt., 25c. **PLANTS:** 3 for \$2.00; 10 for \$6.25.

7158 LONG-SPURRED BLUE. Splendid selection from light to dark blue. Pkt., 35c.

7141 COERULEA MRS. NICHOLLS. This is a glorified Rocky Mountain with larger flowers. Pkt., 35c.

7145 —ROSEA (Rose Queen). 2½ ft. Light to dark rose, white center. Pkt., 25c.

7143 LONGISSIMA. A beautiful American species having 4 inch spurs on flowers of a delicate pale yellow. One of the most attractive. Pkt., 35c.

7152 VAUGHAN'S SUPERLONG-SPURRED MIXTURE. 18 in. Flowers of enormous size in brilliant color range; 3 to 4 inch spurs.

SEEDS: Pkt., 50c. **PLANTS:** 3 for \$1.80; 10 for \$5.75.

7162 McKANA HYBRIDS. 3 ft. Bronze Medal All America Selections 1955. A truly outstanding strain of rich colored, large flowering Columbine.

Illustrated on page 23 of our Novelty Section.

SEEDS: Pkt., 50c.

PLANTS: 3 for \$2.00; 10 for \$6.25.

Vaughan's Perennial Flower Seeds and Plants



7197 ARABIS Alpina Rosea.

Arabis (Rock Cress)

Culture: D or E, Page 57

Reading dwarf, spring-flowering plants. Seeds germinate in 8 days.

7195 ALPINA. 1 ft. April. Pure white. Pkt., 15c.

7197 —ROSEA. 1 ft. May. Compact rosettes of foliage and pink flowers. Pkt., 35c.

7198 DWARF SNOW CAP. Shining snow white compact cushions. Pkt., 25c.

7199 SPRING CHARM. Compact bushy plants covered with blossoms of intense carmine. Coming into flower early, it provides a bright splash of color in the rock garden. 8 in. Pkt., 35c.

Armeria (Thrift, Sea Pink)

Culture: B, D or E, Page 57

Dwarf plants with grassy leaves and tufted growth. The flowers are borne in globular heads. Seeds germinate in 12-15 days.

7206 GLORY OF HOLLAND GIANT PINK. Clear deep pink flowers the size of a silver dollar on straight stems 24 inches high in profusion all summer. Fine for cutting.

SEEDS: Pkt., 25c.

PLANTS: 3 for \$1.80; 10 for \$5.75.

Artemisia (Southern Wood)

7207 SILVER KING. 2½ ft. Silver gray foliage. Fine for cutting and landscaping.

PLANTS ONLY: 3 for \$1.80; 10 for \$5.75.

7208 SILVER MOUND. Dwarf plants of silvery fern-like foliage making handsome compact mount. 4 in.

PLANTS ONLY: 3 for \$2.25; 10 for \$7.50.

Asclepias (Butterfly Weed)

Culture: B, D or E, Page 57

7210 TUBEROSA. 2 ft. One of the showiest of our native perennials, producing from July until frost brilliant orange flowers. Seed pods if gathered just as they begin to open make attractive winter bouquets. Seeds germinate in 30 days.

SEEDS: Pkt., 25c.

PLANTS: 3 for \$1.80; 10 for \$5.75.

Aubrietia

Culture: B, D or E, Page 57

One of the daintiest and beautiful of dwarf creeping plants for carpeting beds or rockeries, forming bright sheets of blue, crimson or rose for many weeks. Seeds germinate in 20 days. 6 in.

7210 LARGE FLOWERED HYBRIDS, MIXED. A wonderfully fine strain, good range of colors. Pkt., 25c.

Baptisia

Culture: B, C, D or E, Page 57

7213 AUSTRALIS (FALSE INDIGO). Forms a spreading bush 3 to 4 ft. high with Lupin-like blue flowers in June and July. Seeds germinate in 20 days. Pkt., 15c.



7225 ASTER Perennial Large Flowering Mixed.

Hardy Asters

Culture: B, D or E, Page 57

DWARF ALPINES

7226 ALPINUS GOLIATH. Indispensable for the rockery or edge of hardy borders; 6 to 10 inches high, and bears large, showy, bluish purple flowers in May and June. Plant in full sun.

SEEDS: Pkt. 25c.

PLANTS: 3 for \$1.80; 10 for \$5.75.

7225 PERENNIAL, LARGE-FLOWERING MIXED. 3-5 ft. Sept.-Oct. Various shades of blue. Pkt., 25c.

Hardy Aster Plants

BEECHWOOD CHALLENGER. 3-4 ft. Sept.-Oct. Brilliant crimson red.

PLANTS ONLY: 3 for \$2.00; 10 for \$6.25.

ADORABLE. Deep clear pink, very large flower, strong grower.

PLANTS ONLY: 3 for \$2.00; 10 for \$6.25.

WHITE LADY. The finest pure white.

PLANTS ONLY: 3 for \$1.80; 10 for \$5.75.

BLUE BIRD. 3½ ft. lovely soft blue flowers are semi-double and 2 inches in diameter, produced in immense quantities. It commences to bloom in early September and lasts well into October. Exceptionally fine for cutting.

PLANTS ONLY: 3 for \$2.00; 10 for \$6.25.



7220 ASCLEPIAS. Tuberosa.



7270 CAMPANULA, Medium Calycanthema Mixed.

Campanulas

Culture: B, D or E, Page 57

This brilliant family includes biennials, as well as a number of true perennials, varying in height from dainty rock garden subjects 8 inches tall to the stately Persicifolia types which reach 3 feet. Seeds germinate in 8-10 days.

Canterbury Bells

The Canterbury Bells are biennials, that is, from seed sown one year, the plants will bloom the following year, the plant then dies. To keep up a yearly display they should be sown annually. 36 in.

| DOUBLE | SINGLE |
|-------------|-------------|
| 7320 BLUE. | 7300 BLUE. |
| 7325 PINK. | 7301 LILAC. |
| 7315 WHITE. | 7305 PINK. |
| 7330 MIXED. | 7295 WHITE. |
| | 7310 MIXED. |

SEEDS: Each of above, Pkt., 15c.

PLANTS: MIXED ONLY. 3 for \$1.60; 10 for \$4.85.

CUP AND SAUCER

| | |
|--|--------------|
| 7270 CALYCANTHEMA MIXED. 2 ft. June-Aug. | |
| 7285 —BLUE. | 7280 —PINK. |
| 7284 —LILAC. | 7275 —WHITE. |

Each of the above, pkt., 15c.

Perennial Campanulas

Seed sown one year, plants will bloom the next and for several years following, increasing each year.

7260 CARPATICA (HAREBELL) BLUE. 9 in. June to Aug. Forms cup-shaped, upright blooms of a light violet-blue. Likes partial shade.

SEEDS: Pkt., 15c.

PLANTS: 3 for \$1.80; 10 for \$5.75.

7344 PERSICIFOLIA (PEACH BELLS) BLUE. 2-3 ft. June-July. Fine border plant. Pkt., 25c.

7345 —ALBA. White. Pkt., 25c.

7347 —WEDGEWOOD. Large flowers of deep violet blue. Does well in full sun or partial shade. Pkt., 35c.

7350 —MIXED. Blue and white. Pkt., 25c.

7370 VAUGHAN'S SPECIAL MIXTURE OF CAMPANULAS. A grand assortment of all varieties, Pkt., 25c.

Candytuft (Iberis)

Culture: A, B, D or E, Page 57

Dwarf evergreen plants. 6 to 10 in. Covered with blooms in spring and early summer. Seeds germinate in 8 days.

8075 GIBALTARICA. Pinkish white.

SEEDS: Pkt., 15c.

PLANTS: 3 for \$1.60; 10 for \$4.85.

8080 SEMPERVIRENS. Sheet of white.

SEEDS: Pkt., 25c.

PLANTS: 3 for \$1.60; 10 for \$4.85.

Vaughan's Perennial Flower Seeds and Plants



8080 CANDYTUFT *Sempervirens*.

Centaurea (Hardheads, Knapweed)

Culture: B, D or E, Page 57

7428 HARDY PERENNIAL MIXED. A mixture of thirty hardy *Centaureas*. A real treat is in store for those who plant this mixture. A means of securing plants of unknown and unlisted sorts and colors. Seeds germinate in 8 days. Pkt., 15c.

Cerastium (Snow-in-Summer)

Culture: B, D or E, Page 57

7435 TOMENTOSUM. A low, creeping plant bearing a profusion of white flowers in June and July. 4 in. Pkt., 15c.

Shasta Daisies FROM SEEDS

Culture: B, D or E, Page 57

The name Shasta is now applied not to a single variety but to a class of hardy Daisies, bearing giant flowers, all splendid border subjects and easily grown from seeds, which germinate in 8 days.

7500 ALASKA. 2-2½ feet. Splendid for cutting. Pkt., 15c.

7464 SHASTA DAISY G. MARCONI RESELECTED (Double). The largest Shasta Daisy today, the flowers are around 7 inches in diameter and stems 2½ to 3 ft. long.

SEEDS: Pkt., 50c. **PLANTS:** 3 for \$1.80; 10 for \$5.75.

7504 GIANT DOUBLE SHASTA DAISY. While first year flowers of this perennial have many singles, in the second year they are almost 100% double, with flowers up to 6 inches, and a long season. Pkt., 35c.



7464 SHASTA DAISY Marconi Reselected.

Shasta Daisy Plants

ALASKA. 2 ft. All summer. Large white.

PLANTS ONLY: 3 for \$1.60; 10 for \$4.85.

MAJESTIC. Immense 6 inch flowers borne on tall, stiff 3 ft. stems. Pure white with yellow center.

PLANTS ONLY: 3 for \$2.50; 10 for \$8.00.

MOUNT SHASTA. 2 ft. All summer. Pure white. High crested. Fully double.

PLANTS ONLY: 3 for \$2.50; 10 for \$8.00.



7401 CARNATION, Grenadin Mixed.

Garden Carnations

Culture: B, D or E, Page 57

A valuable bedding variety with double flowers, blooming first year from seed if sown early. Soon after they are through blooming the tops should be cut. The Grenadin type will branch and will carry on through another year. If this operation is not done, in most cases the Grenadin type is only a biennial. Seeds germinate in 10-15 days.

GRENADIN DWARF. 15 in.

7396 DWARF BRIGHT SCARLET. 14-in. Double flowers of rich intense scarlet exceedingly showy. Blooms from seed first year if sown early. Pkt., 25c.

7415 CHOICE MIXTURE. Early Vienna type, nice range of color. Pkt., 25c.

GRENADIN-20 in.

7398 GOLDEN SUN. Early flowering, very double, large clear yellow flowers.

SEEDS: Pkt., 35c.

PLANTS: 3 for \$1.60; 10 for \$4.85.

7390 KING OF THE BLACKS. Darkest red, very fine.

7395 RED. (Scarlet).

7385 TRIUMPH ROSE.

7400 WHITE.

7401 MIXED.

EACH OF ABOVE: Pkt., 25c.

SPECIAL OFFER

CARNATION GRENADIN

Hardy Outdoor Carnation. Blooms in June and July. This offer contains a mixture of maroon, red, pink, white and yellow.

PLANTS ONLY: Minimum offer 6 for \$2.50; 12 for \$4.50.

Coreopsis

Culture: B, D or E, Page 57

A useful and attractive perennial, both for border and cut flowers. They are of easy culture, and flower in profusion all summer. Germinate in 8 days.

7493 DOUBLE SUNBURST. The flowers are double, 1½ to 2 inches across, excellent for cutting, as the flowers are fine keepers and the plants easy to grow. Comes about 80¢; double. Pkt., 25c.

7495 LANCEOLATA GRANDIFLORA. 2 ft. June-Oct. Large orange-yellow flowers on long graceful stems. Will flower the first year if sown early.

SEEDS: Pkt., 15c.

PLANTS: 3 for \$1.60; 10 for \$4.85.

Delphinium

Delphinium is among the most beautiful and widely used perennials for garden display and cutting. Massive spikes; rich distinct colors.

7550 BELLADONNA IMPROVED CLIVEDEN BEAUTY. 2 ft. June-July. Exquisite turquoise blue. **SEEDS:** Pkt., 25c.

PLANTS: 3 for \$1.60; 10 for \$4.85.

7552 BELLAMOSUM IMPROVED. Large deep blue flowers, uniform in color with a white bee. Blooms 2½ inches across.

SEEDS: Pkt., 25c.

PLANTS: 3 for \$1.60; 10 for \$4.85.

7564 BLACKMORE AND LANGDON STRAIN. A famous English strain. All the clear shades of blue, with bees of contrasting color. Pkt., 35c.

7538 SAPPHIRE. 3 ft. An improved variety of the species *delphinium formosum* noted for hardiness, long life and its deep blue color. Somewhat paler than the original, with a tiny golden pollen accent, its blue has a special luminous jewel-like quality, in the sunlight. Pkt., 50c.

7569 WREXHAM HOLLYHOCK-FLOWERED STRAIN, MIXED. Giant-flowered strain of superior quality. Flowers in blue, white and pink combinations, many of them bicolor 1½ to 2 inches in diameter, many double. Pkt., 50c.

7571 VAUGHAN'S SPECIAL MIXTURE. A "formula-blend" which includes the popular Pacific Giants as well as others listed. Pkt., 35c.

Pacific Giants

Immense single and double flowers on giant spikes, in bloom all summer.

7559B BLUEBIRD. A clear medium blue with white bee.

7563 BLACK KNIGHT. Varying dark violet shade.

7559A BLUE JAY. From medium to dark blue with dark bee.

PLANTS: 3 for \$2.50; 10 for \$8.00.

7563A CAMELIARD SERIES. Pure lavender white bee.

7560 GALAHAD. Clear white, mildew resistant.

PLANTS: 3 for \$2.50; 10 for \$8.00.

7561 KING ARTHUR. Royal violet, large white bee.

7565 PERCIVAL. Large glistening white flowers with contrasting black bees.

7561A GUINEVERE. Light pink lavender, white bee.

PLANTS: 3 for \$2.50; 10 for \$8.00.

7562 SUMMER SKIES. Light blue with white bee.

PLANTS: 3 for \$2.50; 10 for \$8.00.

7559 ROUND TABLE SERIES. A blend which includes all the above color combinations.

PLANTS: 3 for \$2.50; 10 for \$8.00.

EACH OF ABOVE:

SEED: Pkt., 50c; 2 pkts., for 90c.

PLANTS AVAILABLE ONLY WHERE PRICED.

Chinese Larkspur

Chinese Delphinium blooms from seed the first year if sown early and may be treated as an annual though it is a hardy perennial and plants will last many years. Fine for beds and border masses. Rarely needs staking and is covered with flowers all summer and fall.

7520 CHINESE BLUE. 2-3 ft. Gentian Blue. Pkt., 15c.

7523 CHINESE BLUE MIRROR. One of the few true navy blue flowers. Pkt., 35c.

7525 —ALBUM. 2-3 ft. Pure white. Pkt., 15c.

7522 —CAMBRIDGE BLUE. 2 to 3 ft. A good light blue. Pkt., 25c.

7530 —MIXED. Pkt., 15c.

Dictamnus (Gas Plant)

Culture: B or C, Page 57

This bushy perennial with its attractive flower spikes blooms with the tall bearded Iris. While its seeds germinate slowly, and do best when sown in the fall, once the plant is established it should not be moved. Seeds germinate in 50-60 days.

7720 FRAXINELLA. 3 ft. May-June. Large spikes of deep pink purple-veined flowers. Pkt., 15c.

Doronicum (Leopard's Bane)

Culture: B, D or E, Page 57

7780 CAUCASICUM MAGNIFICUM. Showy yellow flowers with bright green, heart-shaped leaves which disappear during July and August. Lovely with pale lavender Tulips. Seed germinates in 20-30 days.

SEEDS: Pkt., 35c.

PLANTS: 3 for \$2.50; 10 for \$8.00.

Vaughan's Perennial Flower Seeds and Plants



7688 DIANTHUS BARBATUS, Single Dwarf, "Midget" Mixed, (Indian Carpet)

Hardy Pinks (Dianthus)

Culture: B, D or E, Page 57

For centuries, these gay flowers are of great value in the border and rock garden. Most of them easily from seed, thrive in ordinary soil, which contains some lime, and should be in a well-drained position. Seeds germinate in 8-10 days.

WOODI ALPINUS. 6 in. Flower first year from seed. It has single and semi-double flowers in all Dianthus colors. A gem for rock gardens.

PLANTS ONLY: 3 for \$1.80; 10 for \$5.75.

LOVELINESS. An improvement on the original strain; colors range from white, mauve and blue to deep crimson. This marvelous range of color combined with the misty effect of the petals produces a mass of color in the border. Delightfully fragrant. Plants range from 9 to 15 inches in height but do not require staking. Pkt., 25c.

BEST ROCK GARDEN VARIETIES MIXED. Rock gardens need the low growing Dianthus to lighten spots and fill in crevices. Pkt., 25c.

PERI. Flowers of pure colors, habit compact and upright.

PLANTS ONLY: 3 for \$2.00; 10 for \$6.25.

PLUMARIUS (Clove or Grass Pinks)

Old-fashioned, fragrant garden Pink. Fine for the border or rockwork.

HIGHLAND HYBRIDS. Tall, strong stemmed plants in varied colors, beautifully marked and edged. Pkt., 35c.

CYCLOPS RED HYBRIDS (Clove Pink). 1 An exquisite mixture of rose and red varieties; upright. Pkt., 15c.

SPRING BEAUTY. Double giant-flowered plants. Carnation-like in form and size and with a beautiful range of color. Very fragrant. Pkt., 25c.

VAUGHAN'S SPECIAL MIXTURE. A grand selection of Clove Pinks of the above Plumarius and others.

SEEDS: Pkt., 25c. **PLANTS:** 3 for \$1.60; 10 for \$4.85.

Dianthus Barbatus

Culture: B, D or E, Page 57

Early June, when summer flowers are not yet in bloom, and there is little in the garden available for cutting, the Sweet William is most welcome. Seeds germinate in 8 days.

DOUBLE VARIETIES

Plants of all double Sweet William produce about the same single blooming plants.

GIANT DOUBLE MIXED. The plants are of a bushy habit, producing numerous stems surmounted by immense umbels of full double flowers over one inch in diameter. The colors are extremely varied. Pkt., 25c.

MIDGET DOUBLE DWARF MIXED. An attractive double form of the above, 3 to 4 in. tall in full flowering color range. Pkt., 15c.

DOUBLE DWARF DARK CRIMSON. A selection from the popular Midget Mixed. Pkt., 25c.

VAUGHAN'S SPECIAL MIXTURE OF SWEET WILLIAM. Includes all double and single varieties and, as well as others bought especially to insure a well-balanced range of color and variety.

SEEDS: Pkt., 25c. **PLANTS:** 3 for \$1.60; 10 for \$4.85.

Dianthus Barbatus—(continued)

Single Sweet William 18-24 in.

7650 GIANT WHITE "SPECIAL." 1½-2 ft. Pure white flower clusters, on strong wiry stems. In growth it resembles the Perennial Phlox and is a splendid cut flower. The individual florets average from ½ to ¾ of an inch in diameter. The flower clusters range from 4 to 7 inches. Sown from May to July will bloom next June. Pkt., 25c.

7659 HOMELAND. Dark red with large sharply defined, clear white center.

SEEDS: Pkt., 35c. **PLANTS:** 3 for \$1.80; 10 for \$5.75.

7660 NEWPORT PINK. Salmon pink.

SEEDS: Pkt., 15c. **PLANTS:** 3 for \$1.60; 10 for \$4.85.

SCARLET BEAUTY. Vivid orange or salmon scarlet.

PLANTS ONLY: 3 for \$1.60; 10 for \$4.85.

7685 SINGLE GIANT-FLOWERED MIXED. Pkt., 15c.

7688 SINGLE DWARF "MIDGET" MIXED. (Indian Carpet). 3-4 in. Alpine Sweet William of compact habit. Blooms are quite large and almost entirely cover foliage. The color range is from white, chamois, salmon, scarlet, brick red to maroon, with most blooms being tri-colored. Excellent for the perennial border.

SEEDS: Pkt., 25c. **PLANTS:** 3 for \$1.60; 10 for \$4.85.



7719 DICENTRA Spectabilis.

Dicentra (Dielytra) (Bleeding Heart or Seal Flower)

Culture: B or C, Page 57

7718 EXIMA (Plumy Bleeding Heart). Dwarf reddish-purple. Blooms all summer in all localities. Attractive lacy foliage, 15 in. tall. Seed germinates slowly.

SEEDS: Pkt., 25c.

PLANTS: 6 for \$3.25; 12 for \$6.00.

7719 SPECTABILIS. Pink, 18 to 24 in. The true old-fashioned variety.

SEEDS: Pkt., 25c. **PLANTS:** 3 for \$2.95; 10 for \$9.00.

Euphorbia

Culture: B, D or E, Page 57

7807 COROLLATA (WILD BABY'S BREATH). 2 to 3 ft. Blooms in midsummer, and suggests Gypsophila, flowers are a cloud of small white stars, delicate and airy. Valuable for bouquets. Will bear drought or neglect. Leaves turn a rich wine color in fall. Seeds germinate in 20-30 days. Pkt., 25c.

Funkia

(Plantain Lily)

SUBCORDATA GR. FL. Large pure white flowers. Very fragrant.

PLANTS ONLY: 3 for \$3.50; 10 for \$10.50.

UNDULATA MEDIO VARIEGATA. Variegated foliage. Blue flowers.

PLANTS ONLY: 3 for \$2.50; 10 for \$8.00.



7768 DIGITALIS, Shirley Hybrids.

Digitalis (Foxglove)

Culture: B, D or E, Page 57

These are biennials and should be sown very early in the spring so plants will be large enough to flower the following year. They should be wintered in a cold frame where sub-zero temperatures are common and always in a well drained place, as their crowns remain green all winter. Seeds germinate in 10-15 days.

7768 THE SHIRLEY HYBRIDS. 6 to 7 ft. The flower-heads are over 3 ft. long, covered with big bell-shaped blossoms from white and shell-pink to deep-rose.

SEEDS: Pkt., 25c.

PLANTS: 3 for \$1.60; 10 for \$4.85.

7753 EXCELSIOR MIXED. A blend of unusual shades, many of the florets are strikingly marked. The flower spikes are from 4 to 5 ft. in height and the individual florets are horizontally set around the stem, instead of the usual drooping effect so common to Digitalis. Very free flowering. Pkt., 35c.

7749 PRINCESS PASTEL MIXTURE. 4 ft. Here is really a new flower for your garden—a Foxglove in distinctly new pastel tints of pink, apricot, buff, rose and heliotrope. Pkt., 15c.

7775 VAUGHAN'S SPECIAL MIXTURE OF DIGITALIS. The above, and others we buy especially for our formula mixture.

SEEDS: Pkt., 15c.

PLANTS: 3 for \$1.60; 10 for \$4.85.

Forget-Me-Nots (Myosotis)

Culture: A, B or C, Page 57

Will bloom the first year from seed so treat as annuals. If wintered over, Alpestris varieties will bloom in early spring; they delight in well-drained soil in a sunny location. Other varieties listed will bloom from May until frost and prefer cool, moist loam and half-shade. For beds, borders, rock gardens, pots and cutting. Seeds germinate in 15 days.

3324 ALPESTRIS INDIGO BLUE. Exquisite sprays of royal-blue flowers produced in great abundance. 12 in Pkt., 15c.

3356 VAUGHAN'S EARLY AND LATE FLOWERING BLUE BIRD. 1 ft. A beautiful deep blue variety. A perennial which blooms from seed if sown early the first year. Pkt., 25c.

For something different in your bouquet of Ever-lasting, use Bell of Ireland. This unusual bit of green makes an excellent filler and will create quite some interest.

Vaughan's Perennial Flower Seeds and Plants



7780 DORONICUM, *Caucasicum Magnificum*.

Gaillardias

Culture: B, D or E, Page 57

Seeds germinate in 20 days.

7809 GRANDIFLORA MONARCH STRAIN. A robust strain varied in coloring and with flowers of giant size and perfect form. Pkt., 25c.

7812 —BURGUNDY. 2 ft. Shining wine-red flowers, 2½ in., from June until fall. Blooms same year, sown early.

SEEDS: Pkt., 25c.

PLANTS: 3 for \$1.60; 10 for \$4.85.

7811 —DAZZLER. Large golden yellow flowers with rich maroon center.

SEEDS: Pkt., 25c.

PLANTS: 3 for \$1.80; 10 for \$5.75.

7817 —GOBLIN. 12-15 in. First real dwarf, covered with showy deep red flowers yellow bordered. Flowers first year from seed. SEEDS: Pkt., 25c.

7836 —PORTOLA HYBRIDS. 2½-3 ft. The flowers are nearly 4 inches; brilliant scarlet intensified by golden yellow tip.

SEEDS: Pkt., 25c.

PLANTS: 3 for \$1.60; 10 for \$4.85.

Gerbera (Transvaal Daisy)

Culture: D or E, Page 57

Seeds germinate in 12 days.

7846 JAMESONI HYBRIDS (FLOWERLAND STRAIN). 2 ft. Large Daisy-like blooms on long stems in yellow and red. Pkt., (25 seeds) 25c.

Geum

Culture: B or C, D or E, Page 57

Seeds germinate in 10 days.

7852 LADY STRATHEDEN (GOLDEN BALL). 2 ft. Flowers loosely double, golden yellow. Pkt., 35c.

7855 MRS. BRADSHAW. 2 ft. Double orange-scarlet flowers. June-Sept. Pkt., 25c.

Helianthemum

Culture: C, Page 57

7906 MUTABILE (ROCK ROSE). 8-12 in. low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. Pale rose changing to lilac, then to white. Excellent for rockeries. Mixed colors. Seeds germinate in 12 days. Pkt., 15c.



7812 GAILLARDIA, *Burgundy*.

Gypsophila (Baby's Breath)

Culture: A, B, D or E, Page 57

Seeds germinate in 12 days.

7866 OLDHAMIANA. 3 ft. The buds are first almost white, but open a lively shade of pink that darkens as the flowers mature. Pkt., 25c.

7867 PACIFICA. 4 ft. Withstands both severe winter and extreme heat. The seedlings form dense bushes with myriads of tiny pink blossoms.

SEEDS: Pkt., 25c.

PLANTS: 3 for \$1.80; 10 for \$5.75.

7860 PANICULATA DOUBLE SNOW WHITE. 2-3 ft. July-Aug. A great improvement on the single-flowered type and more lasting.

SEEDS: Pkt., 25c.

PLANTS: 3 for \$1.80; 10 for \$5.75.

7865 —(BABY'S BREATH). 2-3 ft. July-Aug. Small single flowers on branched stems, so thick as to give the plant a white lace-like effect. Pkt., 15c.

7863 REPENS ROSEA. 6 in. Attractive pink. Pkt., 15c.

BRISTOL FAIRY. 2'. All summer. True double white. Most popular of all Gypsophila.

PLANTS ONLY: 3 for \$3.50; 10 for \$10.50.



3356 MYOSOTIS Early and Late Flowering
Blue Bird.



7855 GEUM, *Mrs. Bradshaw*.

Helenium (Sneezewort)

Culture: B, D or E, Page 57

7890 RIVERTON GEM. 2 to 4 ft. Covered from August to October with brilliant old gold flowers, changing later to wallflower-red. Seeds germinate in 8 days.

PLANTS ONLY: 3 for \$1.80; 10 for \$5.75.

Helleborus

7917 NIGER (CHRISTMAS ROSE). 10 in. A rare interesting perennial which blooms in winter or early spring. Flowers of white. Although a difficult subject, it is well worth the effort. Pkt., 35c.

Hemerocallis

Culture: A, B, C or D, Page 57

7922 PEERLESS BLEND. A mixture of high merit. Seeds saved from 10 botanical species, also from fine hybrid seedlings. This blend will give a wide color range of excellent Day Lilies. Seeds germinate in 30-40 days. Pkt., 25c.

Hesperis Matronalis (Sweet Rocket—Evening Scented Stock)

Culture: B, D or E, Page 57

The fragrant flower-heads of these thrifty flowers somewhat resembling perennial Phlox, make a fine display in the border, or in bits of woodland, for they endure light shade. 2 to 3 feet. June and July.

7930 PURPUREA. Lilac. Pkt., 15c.

7935 —ALBA. White. Pkt., 15c.

Heuchera (Coralbells)

Culture: B, D or E, Page 57

From a tuft of heart shaped leaves, graceful flower stalks rise, bearing flowers in clusters. Seeds germinate in 20-30 days.

7940 SANGUINEA. 2 ft. July-Aug. Long stems of large crimson-scarlet flowers.

SEEDS: Pkt., 25c. PLANTS: 3 for \$2.00; 10 for \$6.25.

7943 —NEW HYBRIDS MIXED. All shades of red and coral pink. Large and free flowering. Pkt., 25c.

1½-2'. All summer.

BREZOIDES. Profuse bloomer. Pink.

PLANTS ONLY: 3 for \$2.00; 10 for \$6.25.

PLUIE DE FEU. Lovely coral red.

PLANTS ONLY: 3 for \$2.00; 10 for \$6.25.

Hibiscus (Rose Mallow)

Culture: B, D or E, Page 57

In the late summer, when perennials are few, well established plants of Mallow bear their beautiful single flowers, 3 to 5 inches, several weeks. Seeds germinate in 15 days. Aug.-Sept.

7947 AYALON HYBRIDS. 3 ft. A new hybrid strain. Flowers mostly of bell shape, and vary from bluish through pink, rose and vivid reds. Bloom until October. Pkt., 25c.

7960 MALLOW MARVELS MIXED. 3-5 ft. Pkt., 15c.

Perennial Plants. We can only supply those priced in our catalog. Plants should be set out when danger of frost is over.

Vaughan's Perennial Flower Seeds and Plants



7943 HEUCHERA, Sanguinea New Hybrids



8163 LILIUM Tenuifolium



8171 LUPINUS Polyphyllus Russell Mixture

SPECIAL OFFER

HIBISCUS-ROSE MALLOW

Excellent perennial with large showy blooms. Plants grow 4 to 5 ft. tall with grayish green foliage. Blooms 6 inches across, from July until October.

AVALON HYBRIDS. A beautiful strain of mixed colors.

PLANTS ONLY—Minimum Offer
6 for \$2.50; 12 for \$4.50.

NEW GIANT RED.

PLANTS ONLY—Minimum Offer
6 for \$2.50; 12 for \$4.50.

Hollyhocks

Culture: B, D or E, Page 57

Hollyhocks are most decorative and indispensable to the garden picture. Following Delphiniums in the border show they have a long season of bloom which can be prolonged by picking off faded flowers. A second crop will come if the first stalks are cut back. They need a well drained location. Hollyhock rust can be overcome by sowing the seed each year for flowering the next, as rust seldom attacks young plants. Seeds germinate in 8 days.

DOUBLE VARIETIES

8005 NEWPORT PINK. The finest pure pink.
SEEDS: Pkt., 15c.

PLANTS: 3 for \$1.60; 10 for \$4.85.

8015 VAUGHAN'S PRIZE DOUBLE MIXTURE.
Finest shades in perfect flowers.

SEEDS: 1/4 oz., 50c; pkt., 15c.

PLANTS: 3 for \$1.60; 10 for \$4.85.

8016 VAUGHAN'S SPECIAL MIXTURE. Mixture of all the best double varieties with new French strains.
Pkt., 25c.

SINGLE VARIETIES

More permanent and hardy than the double.

8055 MIXED. 1/4 oz., 30c; pkt., 15c.

Grow Iris from Seed

Culture: A, B or C, Page 57

Seed germinates in 20-30 days.

8086 AVALON BLEND. Made up from such beautiful and desirable Iris species and hybrid groups as Tenax, Forresti, Clarkei, Aurea, Douglasiana, Delavayi and many others. Interesting and unusual.
Pkt., 35c.

8090 GIANT BEARDED. (German). From a fine collection of seedlings and should show a remarkable range of variable color richness, all the bright self hues, with pastel harmonies in fawn, lilac, bronze tawnies, rose shades, copper and wine shadings.
Pkt., 35c.

8089 KAEMPFERI. Seed was saved from an exhibition collection of six-petaled varieties. Large and rather flat blooms rich in coloring. Blooms in June and July one year after sowing. Pkt., 35c.

8091 DICTOMA (AUGUST OR VESPER IRIS). Fragrant flowers on tall branching sprays, from July to September. Cream to violet-purple markings of various colors. Pkt., 25c.

Lathyrus Latifolius

(Hardy Sweet Pea)

Culture: B, C, D or E, Page 57

Very decorative climbing vines of the Pea family for growing on fences, trellis, etc., and for cutting. Seeds germinate in 25-30 days.

8115 MIXED. A special blending of the colors available in this fine climber.

SEEDS: Pkt., 15c. **PLANTS:** 3 for \$1.80; 10 for \$5.75.

Lavender (Lavandula)

Culture: B, D or E, Page 57

8117 MUNSTEAD STRAIN. 1 ft. A most valuable variety. A month earlier than the common Lavender. Seeds germinate in 12 days. Pkt., 25c.

SPECIAL OFFER

Old English

SWEET LAVENDER (Lavandula Vera)

A Sweet-Scented Perennial Shrub

LONG FLOWER SPIKES OF LAVENDER BLUE
2 FEET HIGH

BLOOMING JULY TO OCTOBER

SILVERY GRAY FOLIAGE YEAR-ROUND

A beautiful evergreen bush for gardens and flower borders. Very effective in combination with evergreens.

EASY TO GROW

Plant in Sunny Locations

Well-drained sandy soil is best

Minimum Order— 6 for \$2.95

12 for \$5.50

Liatris (Kansas Gay Feather)

Culture: B, D or E, Page 57

8117A SCARIOSEA SEPTEMBER GLORY. (Kansas Gay Feather) A giant 6-ft. spike solidly covered with purple flowers from top to bottom. The flowers, unlike the common variety, come into bloom all at the same time creating a marvelous effect. Seeds germinate in 20-30 days.

SEEDS: Pkt., 25c. **PLANTS:** 3 for \$2.00; 10 for \$6.25.

Sow perennial seeds early in the Spring. Summer sowing means smaller plants that require more care.

Lilies from Seed

Many Lilies are easily grown from seed; and seedling Lilies are likely to be more enduring in your garden. A leaflet describing the simple methods which bring success, requiring no skill, but merely care and patience, will be sent free with each order for Lily seed, if requested. Seeds germinate in 20-30 days.

8159 PHILIPPINENSE FORMOSANUM SNOW-

DRIFT. Blooms end of August and can be flowered within 10 months from sowing. Attains a height of 4 to 6 ft., often with 10 to 12 flowers with trumpets 6 to 7 inches across. Pkt., 35c.

8152 REGALE WHITE. Trumpets of pure glossy white, large blooms, very fragrant. A reliable, consistent bloomer, very hardy. Pkt., 25c.

8163 TENUIFOLIUM (CORAL LILY OF SIBERIA). 24 in. Blooms are deep scarlet and have recurved petals of waxy texture. Pkt., 25c.

8164A MIXTURE OF HARDY LILIES. Includes seeds of 50 Liliium species and Hybrid strains, but not, of course, in equal proportions. Pkt., 25c.

Linum (Flax) 12 to 18 in.

Culture: C, Page 57

One of the best sources of vivid blue and yellow in the perennial border. Seeds germinate in 8-10 days.

8134 COLLINUM. A hardy perennial Flax with bright blue flowers, forming compact, free-flowering plants 12 to 15 inches in height. Pkt., 25c.

8140 FLAVUM. 1-2 ft. Produces masses of golden yellow flowers from June until Sept. Pkt., 25c.

8125 PERENNE BLUE. 2 ft. May-Aug. Has dainty sky-blue flowers on graceful arching stems. Blooms produced continuously in profusion.

SEEDS: Pkt., 15c. **PLANTS:** 3 for \$1.60; 10 for \$4.85.

Lobelia

Culture B, C, D or E, Page 57

8145 CARDINALIS (CARDINAL FLOWER). 2 ft. July-Oct. Tufts of bronzy green foliage from which arise spikes of fiery scarlet flowers. Seeds germinate in 10-12 days. Pkt., 15c.

Lunaria

(Honesty or St. Peter's Penny)

8150 BIENNIS ANNUA. Flowers lilac-purple followed by silvery seed pod prized for winter bouquets. Biennial but readily self-sows. Seeds germinate 10-12 days. Pkt., 15c.

Lupinus Polyphyllus

Culture: A, B, D or E, Page 57

Inoculate Lupin seed with Nitragin. Garden size 25c. Chill seed before sowing. Germinates in 8-10 days.

8171 RUSSELL STRAIN. MIXED COLORS. These remarkable Lupins are often 3 1/2 ft. in length. Flowers in 4 months from sowing.

SEEDS: Pkt., 25c. **PLANTS:** 3 for \$2.00; 10 for \$6.25.

8179 VAUGHAN'S SPECIAL MIXTURE. This is a choice mixture of the best English and American strains, including recent novelties. Pkt., 25c.

Vaughan's Seed Company 51

Vaughan's Perennial Flower Seeds and Plants



8360 PLATYCODON Grandiflorum

Lychnis

Culture: B, D or E, Page 57
Seeds germinate in 10-12 days.

8190 CHALCEDONICA (MALTESE CROSS). 3 feet. June-Aug. Burning Star. Flowers fiery red in clusters, each blossom forming a Maltese cross. Will bloom from seed the first year.
SEEDS: Pkt., 15c. PLANTS: 3 for \$1.70; 10 for \$5.25.

Lythrum

Culture: B, D or E, Page 57

8220 ROSEUM SUPERBUM. Spikes of rose-purple; a good border plant. 40 in.
SEEDS: Pkt., 15c. PLANTS: 3 for \$1.80; 10 for \$5.50.

Mertensia (Blue Bells)

VIRGINICA. 15". May. Blue shading to pink.
PLANTS ONLY: 3 for \$1.80; 10 for \$5.75.

Monarda (Bergamot)

GRANET PINK. 2-3 ft. July-August. Clear pink, very lovely.
PLANTS ONLY: 3 for \$3.50; 10 for \$10.50.

Myosotis

Culture: B, D or E, Page 57

8245 PALUSTRIS SEMPERFLORENS. True marsh forget-me-not blooming from spring until autumn.
SEEDS: Pkt., 25c. PLANTS: 3 for \$1.60; 10 for \$4.85.

Pentstemon (Beard Tongue)

Culture: B, D or E, Page 57

They are very showy, growing from 2 to 4 feet; slender spikes which bear trumpet-shaped flowers.

8324 BARBATUS. Tall erect branching. A showy scarlet perennial. One of the best. Seeds germinate in 10-12 days. Pkt., 25c.

Physalis Franchetti

Culture: B, D or E, Page 57

8345 CHINESE LANTERN PLANT. 1½ ft. Produces balloon-like husks the second year from seed, which turn bright red when ripe and resemble Chinese Lanterns, useful in winter bouquets. Seeds germinate in 15 days. Pkt., 15c.

Physostegia (False Dragonhead)

Culture: B, D or E, Page 57

8248 VIRGINICA. Deep rose flowers in close compact spikes.
SEEDS: Pkt., 25c.
PLANTS: 3 for \$1.60; 10 for \$4.85.

Platycodon (Chinese Bell Flower)

Culture: B, D or E, Page 57

They resemble Campanulas, with dainty bell flowers on graceful stems. They flower from June to September.
8360 GRANDIFLORUM. 2-3 ft. Large handsome deep blue flowers.

SEEDS: Pkt., 15c. PLANTS: 3 for \$1.70; 10 for \$5.25.
8365 —ALBUM. White.

SEEDS: Pkt., 15c. PLANTS: 3 for \$1.70; 10 for \$5.25.
8370 MARISSII BLUE. 1 ft. Deep blue dwari. Pkt., 15c.



8380 POLEMONIUM Coeruleum

Polemonium (Jacob's Ladder)

Culture: B, D or E, Page 57

8380 COERULEUM (Greek Valerian). 2 ft. Beautiful sky-blue flowers with golden anthers. June-July. Foliage fern-like.

SEEDS: Pkt., 15c. PLANTS: 3 for \$1.80; 10 for \$5.75.



HARDY PHLOX

Phlox Seed

8340 DECUSSATA MIXED. 2-3 ft. This special mixture comes from a superior collection of large-flowering sorts. Perennial Phlox do not come true from seed and can be had only in mixture. Seed germinates slowly. Pkt., 25c.

Hardy Phlox Plants

OUR PHLOX are strong one-year-old plants with a fine bunch of uncut strong, healthy roots. They are much better than divided old clumps.

AFRICA. 2½'. Midseason. Dazzling, deep scarlet.
PLANTS ONLY: 3 for \$1.80; 10 for \$5.75.

BORDER QUEEN. 1½'-2'. Early. Huge compact trusses of pure pink.
PLANTS ONLY: 3 for \$1.80; 10 for \$5.75.

CHARLES CURTIS. 2½'-3'. Midseason. Beautiful sunset red.
PLANTS ONLY: 3 for \$2.50; 10 for \$8.00.

DAILY SKETCH. Early. Salmon pink. Crimson eye.
PLANTS ONLY: 3 for \$1.80; 10 for \$5.75.

EUROPE. 3-3½'. Early. Pure white with red eye.
PLANTS ONLY: 3 for \$1.80; 10 for \$5.75.

FLASH. 3-3½'. Midseason. Flashy crimson red.
PLANTS ONLY: 3 for \$1.80; 10 for \$5.75.

GEO. STIPP. 3-3½'. Midseason. Salmon with shaded lighter eye.
PLANTS ONLY: 3 for \$1.80; 10 for \$5.75.

HARVEST FIRE. 2-2½'. Late. Large, fiery orange.
PLANTS ONLY: 3 for \$1.80; 10 for \$5.75.

LEO SCHLAGETER. 2½'-3'. Early. Brilliant scarlet with orange cast.
PLANTS ONLY: 3 for \$2.00; 10 for \$6.25.

LILIAN. 1½'-2'. Early. Best salmon pink. Continuous bloomer.
PLANTS ONLY: 3 for \$1.80; 10 for \$5.75.

MARIE LOUISE. 2-2½'. Midseason. The best large pure white.
PLANTS ONLY: 3 for \$2.00; 10 for \$6.25.

MRS. E. PRITCHARD. 2½'-3'. Midseason. An exquisite blue.
PLANTS ONLY: 3 for \$2.00; 10 for \$6.25.

Phlox—Recent Introductions

BLUEBOY. Dark blue.
PLANTS ONLY: 3 for \$2.00; 10 for \$6.25.

BRIGADIER Carmine red. Pink shading. Red eye.
PLANTS ONLY: 3 for \$2.50; 10 for \$8.00.

ELIZABETH ARDEN Soft pink, low, compact growing.
PLANTS ONLY: 3 for \$2.50; 10 for \$8.00.

SAN ANTONIO. Dark blood red.
PLANTS ONLY: 3 for \$2.00; 10 for \$6.25.

SIR JOHN FALSTAFF Giant salmon pink. Strong grower.
PLANTS ONLY: 3 for \$2.50; 10 for \$8.00.

Phlox Subulata

(Creeping Phlox)

ATROPURPUREA. Carmine red.
PLANTS ONLY: 3 for \$1.80; 10 for \$5.75.

BLUE HILL. Blue.
PLANTS ONLY: 3 for \$2.00; 10 for \$6.25.

ROSEA. Pink.
PLANTS ONLY: 3 for \$1.80; 10 for \$5.75.

VIVID. Pink, dark eye.
PLANTS ONLY: 3 for \$2.50; 10 for \$8.00.

PERENNIAL SEED MIXTURES

Similar to our Surprise Garden of Annuals. These formula-blends are composed of the more important perennial varieties in their respective height groups.

8600 DWARF. 6 to 15 in.

8601 MEDIUM. 18 to 36 in.

8602 TALL SORTS MIXED. 3 ft. and upwards.

Each of above, per pkt., 25c; 3 pkts. for 65c.

8259 NATIVE WILD FLOWER MIXTURE FOR SUN OR SHADE. Seeds of more than 100 different species. All American, collected in the temperate zone. For woodlands, and wild flower gardens. Pkt. 25c

Sow perennial seeds early in the Spring. Summer sowing means smaller plants that require more care.

Vaughan's Perennial Flower Seeds and Plants



8345 *PHYSALIS Franchetti*

Oriental Poppies

PAPAVER Orientale 3 ft. May-June

These gorgeous spring flowers, often six inches across of vivid coloring, may be left undisturbed for years. The named varieties of Oriental Poppies do not come entirely true from seed. Seed germinates in 10-15 days.

8307 **BEAUTY OF LIVERMORE.** Crimson.

SEEDS: Pkt., 25c.

PLANTS: 3 for \$1.80; 10 for \$5.75.

8305 **PRINCESS VICTORIA LOUISE.** Lilac-rose.

SEEDS: Pkt., 15c.

PLANTS: 3 for \$1.80; 10 for \$5.75.

8310 **RED.** Deep crimson, large flowers. Pkt., 15c.

8313 **NAMED NEW VARIETIES MIXED.** Seed collected from a field of the newer named sorts. Lovely pinks, rose and white. Pkt., 25c.

Iceland Poppies

PAPAVER Nudicaule 12 to 18 in.

Culture: B, Page 57

Cool moist soil is necessary, and light shade preferred. Hardy perennials, they bloom first year from seed. Seed germinates in 10-15 days.

8291 **GARTFORD GIANT ART SHADES.** Exceptionally large flowers in lovely pastels. Pkt., 25c.

8293 **EMPEROR.** 18-22 in. Finest giant orange of new form, with over-lapping fluted petals giving effect of semi-doubleness. Pkt., 25c.

8275 **VAUGHAN'S SPECIAL ICELAND POPPY MIXTURE.** We have included all the newer varieties. Pkt., 25c.



8275 **POPPY, Nudicaule Vaughan's Special Mixture**

Ranunculus

8451 **ASIATICUS (GIANT DOUBLE HYBRIDS).**

A particularly fine strain of double large flowered hybrids in sulphur yellow, golden yellow, scarlet, crimson, lilac and many other shades. Can be planted in the garden in earliest Spring. Seeds germinate in 15-20 days. Pkt., 25c.



8418 *PRIMULA Veris Giant Bouquet*

Primula

There is a growing appreciation of the beauty of the amazingly varied Primrose family. Blossoming in April and May, their brilliant colors have few rivals in plantings along shady paths or in the rock garden. Seed germinates in 15-30 days.

Culture: C or E, Page 57

8406 **AURICULA, MONARCH STRAIN MIXED.** A fine exhibition strain. Wonderful markings on perfectly formed flowers. Pkt., 25c.

8411 **JAPONICA MIXED.** Towering sprays of beauty. Colors range through white, rose, pink, crimson, mauve and lavender, bright crimson, orange eye. Pkt., 25c.

8424 **VULGARIS (ENGLISH PRIMROSE).** Pale yellow for wild gardens. Pkt., 25c.

Polyantha Type (Bunch Primrose)

These are showy, cluster-flowered, of exceptional size, thriving in rich, moist soil.

8419 **VERIS GIANT CRIMSON.** Pkt., 25c.

8420 **—COLOSSEA MIXED. (HIGHLY COMMENDED. WISLEY TRIALS 1952.)** The large heads of florets are borne on stiff stalks in new shades of lilac, pink, copper as well as the darkest red. Pkt., 35c.

8421 **—LUTEA.** Clear yellow, extra fine. Pkt., 25c.

8418 **—GIANT BOUQUET MIXED. (AWARD OF MERIT WISLEY TRIALS 1952.)** An extra choice strain with large flowers and long stems, in a wide range of color. Pkt., 25c.



8420 *PRIMULA Veris Colossea Mixed.*



8438 *PYRETHRUM Robinson Hybrids Mixed*

Pyrethrum Roseum

(Painted Daisy)

Culture B, D or E, Page 57

Their large flowers, well-named Painted Daisies, blossom with the tall Iris, and continue through June. A second crop will come if the first growth is cut back. They are easily grown from seeds, which germinate in 20 days. 1 to 2 ft.

8433 **DOUBLE MIXED.** Pkt., 35c.

A certain per cent of the above will be single.

8440 **GRANDIFLORUM SINGLE MIXED.** Pkt., 15c.

8438 **ROBINSON'S HYBRIDS, MIXED.** A selection made by an English specialist, with a fine color range.

SEEDS: Pkt., 25c. PLANTS: 3 for \$2.00; 10 for \$6.25.

8438A **ROBINSON'S CRIMSON.** The best red.

SEEDS: Pkt., 25c. PLANTS: 3 for \$2.00; 10 for \$6.25.

8439 **ROBINSON'S ROSE.** Extra large flower. Pkt., 25c.



8462 *RUDBECKIA Purpurea*

Rudbeckia (Cone Flower)

Culture: B, D or E, Page 57

Seeds germinate in 20-30 days.

8462 **PURPUREA.** Reddish purple flowers, large brown cone-shaped center. July to Oct. 2-3 ft. SEEDS: Pkt., 15c. PLANTS: 3 for \$1.70; 10 for \$5.25.

Perennial Plants. We can only supply those priced in our catalog. Plants should be set out in May, when danger of frost is over.

Vaughan's Perennial Flower Seeds and Plants



8494A SCABIOSA, *Caucasica* Vaughan's Special Mixture

Rose

Culture: B, D or E, Page 57

8452 THE BABY ROSE. Multitudes of tiny roses in varied lovely colorings, but largely in white, blush or delicate pink. Flowers single to fully double. More or less everblooming. Quick from seed, and from earliest spring sowings, plants will be in flower by June, midgets but four inches high. Pkt., 25c.

Salvia

Culture: B, D or E, Page 57

8480 PATENS. 2 ft. Large, rich deep blue flowers in September. Roots can be wintered in cellar. Seeds germinate in 15 days. Pkt., 25c.

Scabiosa

Culture: B, D or E, Page 57

8490 CAUCASICA PERFECTA. 18 in. Light blue flowers prettily fringed on long stems. Pkt., 15c.

8491 —ALBA. Pure white comes true. Pkt., 25c.

8494A —VAUGHAN'S SPECIAL MIXTURE. Large fringed and ruffled flowers from lavender to dark blue; some pure white. Pkt., 25c.

8492 —HOUSE'S NEW GIANT HYBRIDS. 18 in. June-Oct. Large flowers in various shades of lavender. SEEDS: Pkt., 25c.

PLANTS: 3 for \$1.70; 10 for \$5.25.



8525 STOKESIA *Cyanea*



8554 TROLLIUS Choicest Mixed

Statice

8520 LATIFOLIA. 2 ft. Dense branching plumes of deep blue flowers. Pkt., 15c.

Stokesia (Stokes' Aster)

Culture: B, D or E, Page 57

Large flowers, resembling a single Aster. Seeds germinate in 20 days.

8525 CYANEA. 18 in. July-Oct. Flowers rich blue. SEEDS: Pkt., 15c.

PLANTS: 3 for \$1.70; 10 for \$5.25.

Thalictrum (Meadow Rue)

Culture: B, D or E, Page 57

Though not of bright and conspicuous color, the feathery flowers of the Thalictrums are decorative and interesting. They grow easily from seed, germinating in 15-20 days.

8541 AQUILEGIFOLIUM MIXED. (Feathered Columbine). Graceful foliage, mixed colors. 3 ft. SEEDS: Pkt., 25c.

PLANTS: 3 for \$1.70; 10 for \$5.25.

Thermopsis

Culture: B, D or E, Page 57

8548 CAROLINIANA. 3 to 5 ft. June and July. The long, graceful spikes of yellow Lupin-like flowers blossom with the Delphiniums and provide an excellent foil for their blues. Seeds germinate in 15-20 days. SEEDS: Pkt., 25c.

PLANTS: 3 for \$1.80; 10 for \$5.75.

Tritoma

(Red Hot Poker)

Culture: B, D or E, Page 57

Very handsome and showy border plants. Flowers borne in compact form on stout 3 and 4 ft. stems.

8558 PFITZER'S HYBRIDS. Orange scarlet. SEEDS: Pkt., 15c.

PLANTS: 3 for \$2.00; 10 for \$6.25.

Trollius

Culture: B, D or E, Page 57

8554 CHOICEST MIXED VARIETIES.

SEEDS: Pkt., 25c.

PLANTS: 3 for \$2.50; 10 for \$8.00.

Tall, Hardy Verbena

Culture: B, D or E, Page 57

8566A BONARIENSIS. 4 ft. A grand perennial that blooms from seed the first year. Sweet scented rosy lavender flowers on long stiff stems. Will flower first year from a March sowing. Start seed indoors and set small plants out when ground is sufficiently warm. Pkt., 15c.

Violet

ROYAL ROBE. 6-8". All summer. Large deep violet blue. Very fragrant.

PLANTS ONLY: 3 for \$2.00; 10 for \$6.25.



8570 VERONICA *Spicata* Blue

Veronica (Speedwell)

Culture: B, D or E, Page 57

Hardy, herbaceous perennials varying in height from a few inches to 3 or 4 ft., and bearing blue or white flowers in terminal spikes or racemes. Seeds germinate in 15-20 days.

8570 SPICATA BLUE. 2 ft. July-August. Flowers violet blue in long spikes.

SEEDS: Pkt., 15c.

PLANTS: 3 for \$1.70; 10 for \$5.25.

Vinca

(Hardy Myrtle)

MINOR. 3". May-June. Popular creeper and ground cover.

PLANTS ONLY: 3 for \$1.70; 10 for \$5.25.

MINOR ALBA. 3". May-June. A rare white flowered form.

PLANTS ONLY: 3 for \$2.00; 10 for \$6.25.

WHY YOU WILL FIND VAUGHAN'S PERENNIALS THE BEST

Because we make a specialty of growing them to perfection, and make it our point to give you SERVICE, QUALITY AND VALUE. Our plants make REAL ROOTS, and what is more important to a Perennial than a GOOD ROOT SYSTEM?

All plants offered in this list are strong, field grown. Two years old, transplanted, unless otherwise specified. Biennials are one year old. Our plants bloom the first season. Please state whether we may substitute in case we are short.

DELIVERY GUARANTEE

We guarantee that all perennial plants are properly matured for use of the home gardener and that they will reach the customer in good condition.

Any complaint as to quality or condition of plants must be made at once upon receipt of shipment, and letter accompanied by packing sheet.

Please remember that a plant is a living organism, it feeds, drinks and breathes and must be cared for accordingly.

Add Postage for Plant Orders

All Plants Shipped Direct from Ovid, Mich.

Prices of plants on these pages do not include postage. Add 10% of the total of your order for plants to cover packing and postage. Shipments larger than 12 plants will be made by express collect, unless otherwise instructed.

Check your order carefully before mailing. It is almost impossible to make changes on orders after they have been placed in process of filling.

Plants by Express

We recommend this mode of transit where quantities are 12 plants or over. We pack carefully.

No C. O. D. Shipments

Home Greenhouse and House Plants from Seed

Plants For Your Inside Garden

Potted plants are always attractive in the home. They are welcome on the porch or in window boxes during the summer where they provide brilliancy of color and freedom of bloom under most adverse conditions. They are particularly desirable during the winter months. The seeds we offer are of plants easily grown in window or your home greenhouse where light and heat conditions are satisfactory. Sow at any time of the year in a seed box or pan and have bloom the year round. Complete cultural instructions on the reverse of our seed packet.

Abutilon

120 MIXED (FLOWERING MAPLE OR CHINESE BELL FLOWER). ÷ 3 to 4 ft. As indispensable for the window or greenhouse as the Petunia is for the flower garden. Grows rapidly from seed, and is soon in bloom. Leaves very ornamental and often beautifully variegated. Lovely bell-shaped flowers, borne the year round and in all colors. Pkt., 25c.

Antirrhinum SNAPDRAGON ① ÷

For Greenhouse Forcing.

Culture: D or E, Page 57

BRONZE

364 CAVALCADE. Lively golden bronze.

367 GALLANT FOX. Deep orange-bronze.

LAVENDER

402 LAVENDER LADY. Deep rosy lavender.

415 WINDMILLER LILAC. A true orchid.

RED

411 PRISCILLA ANN. Velvety-crimson florets. At times a faint touch of yellow is noted on the lip.

371 WITTERSTAETTER'S RED. Rich velvety red.

ROSE AND PINK SHADES

377 CHRISTINA. Medium-light pink.

380 SPARTAN ROSE. Medium deep rose, blooms at the same time as Margaret.

369 LIBBY. Good sized flowers of dark rose-pink.

WHITE

397 MARGARET. Ivory white.

418 TWENTY GRAND. A good winter flowering White.

YELLOW

387 GOLD RUSH. Deep Jonquil yellow.

384 PATRICIA. Rich yellow with full deep yellow lower lip.

EACH OF THE ABOVE. Pkt., 75c.

426 VAUGHAN'S RAINBOW MIXTURE F-1 HYBRID SNAPDRAGONS. Because of their hybrid vigor, this mixture is especially well adapted to the needs of the home gardener. Grow it on in your home greenhouse for cut-flowers during the winter months, or plant outside in your garden in Spring, where it does equally well and adds an important range of color to your bouquet material. The florets are large, the stems long and strong, coming into bloom early and lasting well into the early Fall. Pkt., 75c.

Asparagus ÷ +

Culture: C. Pot up in Fall, force in greenhouse. Page 57

480 PLUMOSUS NANUS. 3 ft. Pkt., 35c.

485 SPRENGERI. For hanging baskets. Pkt., 35c.

2853 HOUSE PLANT SURPRISE. A formula blend containing not less than 100 different varieties of ornamentals suited to the sunny window or the greenhouse. Many are rare and unusual. Sift the fine seeds from the coarse before sowing since the latter will need deeper covering. Allow for variation in germination. Pkt., 50c.

IMPATIENS, illustrated on page 31, have a remarkably long season of bloom and make fine house plants.



BEGONIA, Type of Pink Pearl and Red Pearl

Begonias TUBEROUS ROOTED

Culture: D or E, Page 57

For brilliancy of color, duration and profusion of bloom, few plants can compare with the tuberous-rooted Begonias for greenhouse and for summer bedding. A little difficult to raise without a greenhouse. Seeds germinate in 20 days.

For Bulbs of Begonia Tuberous rooted see index on final pages.

1100 DOUBLE TUBEROUS ROOTED VAUGHAN'S SPECIAL MIXTURE. Form and color weave a magic spell in this cream of a specialist collection containing the lovely camellia and rose flowered forms together with the double fringed types in charming colors from dainty light shades to the richer and darker tones. Flowers 5 to 8 in. across. Seed sown in January or February make good sized plants by August. Leaflet on culture supplied with seed. Pkt., \$1.00.

FIBROUS-ROOTED EVER-BLOOMING

Culture: B, C, D or E, Page 57

A continuous flowering class of greatest value for bedding; the flowers are of brilliant colors and borne in great profusion from summer to autumn. Seedlings of spring bloom in summer, while seedlings of summer make decorative winter house plants.

Begonia seed is very fine. Open packets carefully over a sheet of white paper. Seeds germinate in 20 days.

1075 ADELIN (Improved Darling). Very dwarf habit bright pink flowers and green foliage, very attractive. Pkt., 35c.

1071 CHRISTMAS CHEER RED. The blooms attain a diameter of 2 inches. Dark crimson-scarlet. Pkt., 35c.

1073 SNOWBANK. The finest dwarf white. Large flowers of purest white, freely produced on plants that are compact and uniform in growth. Foliage is a bright clear green. Pkt., 50c.

1066 PINK PEARL. Of dwarf compact habit, 6 to 8 in. high. The plants form perfect balls and the flowers are borne well above the bright green foliage. Pkt., \$1.00.

1067 RED PEARL. Identical to the above in type and blooming habit. Color a brilliant dark scarlet. Pkt., \$1.00.

1080 SCANDINAVIA PINK. An outstanding large flowered pink. Plants of branching habit, with dark green foliage. Pkt., 35c.

1090 VAUGHAN'S SPECIAL MIXED. Finely balanced blend of full color range. Pkt., 25c.

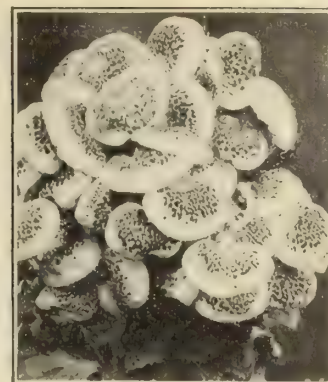
S-301 SEMESAN. For damping off gladioli, begonias etc. 4 oz., \$2.50, postpaid \$2.65.

Browallia

1155 SPECIOSA MAJOR. Large bright blue flowers with a white throat. Very free flowering. Pkt., 35c.

Crossandra

1996 CROSSANDRA. The leaves are a glossy rich green and the flower ranges in color from salmon pink to peach, and blooms for a long time. Sow seed in well sterilized soil, being sure the pot or pan has good drainage. 70 to 80 degrees fahrenheit will result in quick growth. Pkt., \$1.00.



1184 CALCEOLARIA Hybrida Triumph Pkt., \$1.00

Calceolaria +

Culture: C. Pot up in Fall, force in greenhouse. Page 57

1179 HYBRIDA MULTIFLORA NANA MIXED.

The average size of the blooms is only 1 1/4 inches, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pkt., \$1.00.

1184 HYBRIDA GRANDIFLORA TRIUMPH

STRAIN. A truly outstanding strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage. Pkt., \$1.00.



1716 CINERARIA Cremer's Prize Mixture Pkt., 50c

Cineraria Hybrida +

Culture: C. Pot up in Fall, force in cool greenhouse. Page 57

1715 VAUGHAN'S COLUMBIAN MIXTURE. A mixture of the finest strains; the flowers from 7 to 9 inches in circumference, brilliant colors. Pkt., 25c.

1716 CREMER'S PRIZE MIXTURE. The petals in most of the blooms of this strain are wide, numerous and overlap well to form attractive heads. The plants can be finished in smaller pots, too, making shapely specimens covered with masses of blooms. Pkt., 50c.

1723 SITER'S RAINBOW STRAIN. Immense flower heads of medium large flowers ranging from bright eyed types to finer pastel shades. Compact growth, with little leaves. Early to bloom. Pkt., 50c.

Cuphea Firecracker Plant

Culture: A or B, Page 57

Seeds germinate in 20-30 days. Greenhouse Subject.

1999 FIREFLY. 10 inches. A colorful border or edging plant, dwarf, compact, neat in habit, and showy. Small, delicate butterfly-like flowers of fiery red are freely produced. Flowers in 12 to 14 weeks from seed and blooms continuously. Pkt., 25c.

Cyclamen

PERSICUM GIGANTEUM +

Culture: C. Pot up in Fall, force in greenhouse. Page 57

2010 MIXED. Large, colorful fragrant blooms on strong erect stems, well above the ornamental foliage. It takes nearly 18 months to produce blooming plants from seed. Pkt., 50c.

Home Greenhouse and House Plants from Seed



2449 FLAME VIOLET. Pkt., \$1.00



4477 PRIMULA Malacoides Mixture. Pkt., 35c



2560 GLOXINIA Vaughan's International Mixture. Pkt., 25c



2916 KALANCHOE Yellow Darling. Pkt., 50c

Exacum

2445 AFFINE. An easily grown pot plant producing sweetly scented bright mauve flowers. Pkt., 35c.

Flame Violet

2449 FLAME VIOLET. Imagine an African violet plant with hairy leaves of varied coloring, and small single flowers ranging from orange-red to brilliant scarlet, or pure white. That describes this relative of the gloxinia, which is even easier to grow from seed. The slender stems have a trailing habit, and the coloring in the leaves varies from deep shiny green to copper veined with green or silver, and silver with rust colored markings. The foliage alone would make the plant attractive.

Seedlings are easier to handle than those of African violets and culture is similar with reference to light, temperature and humidity. 25 seeds, \$1.00.

Gloxinia +

Culture: D or E, Page 57

2560 VAUGHAN'S INTERNATIONAL MIXTURE. Magnificent house-blooming plants, with handsome bell-shaped flowers in a diversity of the richest colors. These seeds are very small and require care in handling, but start very readily when sown in pans or pots on finely sifted soil and watered from beneath. 12 in. Pkt., 25c.

Kalanchoe

Culture: D, C or E, Page 57

2915 HYBRIDA BRILLIANT STAR. Showy window succulent, with attractive fleshy foliage and big trusses of vividly red blossoms. Pkt., 35c.

2916 YELLOW DARLING. Flowers of a strong lemon-yellow of outstanding brightness. These flowers together with the shining green leaves make it a perfect plant for flower arrangements. Plants are dwarf and compact. Pkt., 50c.

African Violets

SAINTPAULIAS

Interesting and attractive house plants with a long season of bloom; the leaves of which form a cushion from which arise the bright violet-like flowers.

4389 NEW HYBRIDS. Flowers are varied shades of blue, lilac and pink. Compact plants with leaves of dark green. Pkt., 50c.



2445 EXACUM AFFINE. Pkt., 35c

Primula ÷

Culture: D, C or E, Page 57

4465 CHINESE VAUGHAN'S INTERNATIONAL MIXTURE. Our mixture contains all the choicest colors of the single-flowering Primulas in all their dainty shades. 12 in. Pkt., 75c.

NEW GIANT MALACOIDES—16 in.

Culture: C (May-July). Pot up July-Sept., Page 57

4474 GLORY OF RIVERSIDE IMPROVED. A true rose pink. Easily grown from seed. Pkt., 35c.

4477 MALACOIDES MIXED. Large flowers on long heavy stems. Upright growing plants. Very free flowering. Pkt., 35c.

PRIMULA OBCONICA GRANDIFLORA

Culture: D or E (Jan.-April); C (May-July). Winter in greenhouse. Germination 3-4 weeks. Page 57

4495 OBCONICA GRANDIFLORA MIXED. Range of color includes red, rose, blue and white. Pkt., 35c.

4496 GIGANTEA WYASTON WONDER. The huge heads of bright crimson flowers are carried on strong stems well above the foliage. In spite of the vigorous growth, Wyaston Wonder makes a compact and tidy plant. Pkt., 50c.

Schizanthus

POORMAN'S ORCHID

Culture: A or B, D or E, Page 57

Beautiful bushy plants covered with dainty flowers handsomely marked with contrasting colors. Seeds germinate in 20 days.

4756 MONARCH STRAIN. This is the brightest mixture of rose and appleblossom pink, salmon, crimson, deep violet purple and many indescribable variations. All are heavily veined in gold. Pkt., 25c.

4753 VAUGHAN'S DWARF "MASTERPIECE." Plants are dwarf and compact. The flowers are of good size, ranging from light pink to rose to a pleasing dark violet, all with conspicuous blotches. Pkt., 50c.



4753 SCHIZANTHUS Vaughan's Dwarf Masterpiece Pkt., 50c

Solanum

Culture: D, C or E, Page 57

Attractive bright fruits ranging from green to creamy-white and red. Most unusual and interesting.

4779 VAUGHAN'S CANDLE PEPPER. The peppers, which are one inch long and decidedly pointed, are creamy-yellow changing to red, producing a striking candle effect. The tapered peppers grow upright, giving a dainty and unusual effect. Pkt., 50c.

4774 CHRISTMAS CHERRY IMPROVED. Uniform bushy plant on which large round red fruit is freely produced. Pkt., 25c.

Stocks

4981 TRYSONIC GIANT IMPERIAL MIXED. Of branching habit, this new strain comes 85% or more full-double from seed. The young single seedlings are noticeably weaker at the four-leaf seedling stage making it possible to remove them and so increase the percentage of double flowers. A well-balanced color range. Pkt., 50c.

NON-BRANCHING COLUMN

These produce one stem, 2½ ft. high, thickly set with large double flowers.

4952 GARDENIA. Glistening white. Pkt., 50c.

4973 WHITE GIANT. Pure white flowers without trace of green, closely set on long stems. Pkt., 50c.

4956 SILVERY LILAC. Lilac lavender. Pkt., 50c.

4958 MIXED. A specially prepared formula which includes the above and others. Pkt., 50c.

Streptocarpus

(CAPE PRIMROSE)

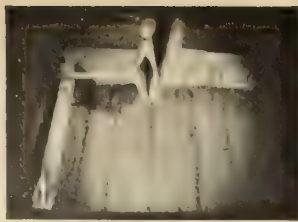
4993 WIESMOOR HYBRIDS. The flowers are well fringed and crested, 4 to 5 inches across. The leaves are small; the color range is most complete, pink, in all its shades and variations, deepest red, blue shades and white with dark blotches. Free flowering. Long wiry stems. An excellent pot plant for winter blooming. Pkt., \$1.00.



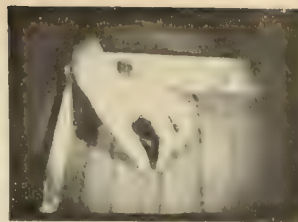
FIRMING THE SOIL



MARKING THE ROWS



SOWING THE SEED



COVERING THE SEED

SOWING SEEDS IN THE INDOOR BOX

Flower Seed Cultures—How to Sow

IN FIVE paragraphs below, designated A,B,C,D, and E we cover in considerable detail the methods of starting flower seeds which are available to the amateur without a greenhouse, and which cover well the needs of an outdoor garden. In the flower seed section in the case of each flower listed, information is given as to the cultural methods which can be used for that subject.

A Sow in the bed, border or row where the plants are to grow. The soil should be loamy, with well pulverized surface. With heavy soil inclined to cake and crack, it is usually best to grow plants in a seed bed (B) and transplant to the permanent place. Loosen the soil where seeds are to be sown, with the trowel, or hoe, several inches deep. Rake smooth. Broadcast small seeds and cover them lightly four or five times their diameter. Very small seeds may be merely pressed in. Larger seeds may be planted singly, well covered, but more thickly than plants are wanted. Firm the soil well over the seed. Watering now becomes of great importance. At no time should the soil be allowed to become hard and dry, yet excessive watering may cause the seeds to rot, sour the soil, or cause "damping off." When the plants appear, thin them out, allowing each to grow singly, without crowding. The distance between them is governed by their ultimate size and spread. Excess plants may usually be moved to a new location.

B Sow in outdoor seed bed, to be transplanted. The seed bed in the open should be of loose, mellow loam, raised slightly above the surrounding surface, and preferably surrounded by a wooden curb, to prevent rain washing across it. It should not be wider than four feet, so it can be worked easily. Shelter from high winds is valuable, but damp and shady corners are not desirable. Full sun is advisable when seedlings are up, while shade when needed, as in mid-summer for perennial seedlings, is best supplied by a lath or cloth canopy, which can be removed in damp and cloudy weather. Sow the seeds in rows which may be as close as five inches. Sowing and watering are the same as described in "A" above. Seedlings may be transplanted when they make true leaves, the second pair of leaves to appear; or they may be left until larger before being moved to their permanent location. Perennials should be moved from the seed bed to a nursery row, to grow until fall before being moved to the border.

C Sow in flat, pot or pan outdoors or in a cold frame. This method is applicable to slow germinating subjects, some of which may take a year to germinate. Fill the receptacle with potting soil as described in "D", firm the soil and broadcast the seed, covering four or five times their diameter. Place the receptacle in a shaded location, where there is free air circulation. During the spring, summer and fall, water often enough to prevent soil from drying out. A mulch

of peat moss will help retain moisture. In winter, place in a protected place outdoors and cover with leaves. Have patience with slow germinating subjects; do not disturb too quickly. Any live seed will eventually grow if given time enough, provided soil, moisture supply, etc., are right. When seedlings appear and make true leaves, transplant to pots, nursery row or permanent location. If moss forms on soil surface, sprinkle fresh earth over top.

D Sow indoors in a box, pot or pan. This method may be followed where there is a window facing south, enjoying sunlight most of the day. Use a standard florists' pot or pan (shallow pot) or a "flat," which is a shallow box, with holes bored in the bottom for drainage. Cover the drainage holes in pot or box with broken pottery; fill with potting soil. This is a mixture of half sand and half black loam. It may be obtained from florists. Firm the soil, and sow the seeds in rows, marking each row to identify the sowing. Water by setting the box or pot in water, so that it soaks up from below, or use a fine spray which does not wash the soil. Place in a dark place, covered with a wet newspaper blanket until the seeds sprout. As soon as sprouts appear bring into full light. Cover the box or pot with glass to check evaporation, but when moisture collects on glass wipe it off, and prop up one end of the glass to allow air to circulate during the sunny part of the day. A temperature not below 50 degrees at night, or 75 degrees by day, is best. Do not allow the soil to dry out. When the seedlings have made true leaves (the second set), they should be transplanted to other flats, giving at least two inches of space apart; or they may be moved to small pots or to an outdoor seed bed or border.

E Sow in a hotbed or cold frame. A cold frame or a hotbed heated by manure or other means may be used. The best method with flower seeds is to sow seeds in flats, which are placed in the frame. With manure heated beds, seeds should not be sown until the temperature of the newly made bed has dropped to 90 degrees. Watering and ventilation are important. On sunny spring days, always prop up one end of the sash to prevent overheating which may occur quickly and cause spindly growth. Do not allow the soil to dry out. When the seedlings have made true leaves, they should be transplanted to other flats, spaced two inches apart each way; or to the soil in the hotbed, or to an outdoor location, if late enough.

BETTER HOMES & GARDENS GARDEN BOOK.

Edited by Fleeta Brownell Woodroffe. Now you can get down-to-earth on all phases of gardening, landscaping, and lawn care, from Better Homes & Gardens editors. You'll see how to use every square foot of space for beauty and privacy, how to grow beautiful flowers, prize winning fruits and vegetables, how to make your lawn velvety green.

Lavishly illustrated in full color. 520 pages, 1,500 photos, charts, drawings. Chapters tab indexed for quick reference. Convenient loose-leaf ring binder. A new idea in garden books. \$3.95. \$4.15 postpaid.

PROPAGATION OF PLANTS. By Kains and McQuesten. A complete guide for professional and amateur growers of plants by seeds, layers, grafting and budding, with chapters on nursery and greenhouse management.

In direct, simple language it discusses all phases of the subject, explains technical and scientific terms and tells clearly the how and why of all processes. 639 pages. \$6.95. \$7.15 postpaid.

SUNSET PRUNING HANDBOOK. Specific instructions with illustrations for pruning practically every tree, shrub or vine. This book will attempt to explain the "why" and the "how" in the nontechnical terms of the amateur gardener. 80 pages with illustrations. Paper bound, priced at \$1.75; \$1.95 postpaid.

GARDENING BOOKS

FLORIST CROP PRODUCTION AND MARKETING.

The application of scientific facts to the Production and Marketing of Florist Cut Flowers, Potted Plants and Bulbs Grown in the Greenhouse or in the Field. By Kenneth Post.

This book gives the practical application of science to the production and marketing of cutflowers, potted plants and bulbs grown in the greenhouse, clothouse, under lath or in the field. A complete guide and reference book for the commercial producer of Florist Crops. It is a well organized and complete text for a formal course in the growing and marketing of Florist Crops and a ready reference for the Floricultural scientist. 891 pages. Illustrated, \$10.00. \$10.20 postpaid.

10,000 GARDEN QUESTIONS. F. F. Rockwell,

editor. Answered by 15 experts. Real questions from real amateurs, with brief, authoritative answers. Among them you will find the solutions to your problems. . . Helpful diagrams and illustrations supplement the text. . . A quick-action index places all the information at your fingertips. 1467 pages. Hundreds of illustrations. \$4.95. \$5.15 postpaid.

TAYLOR'S ENCYCLOPEDIA OF GARDENING

Book is designed to give the reader instant access to accurate information on every conceivable garden question. Alphabetically arranged, enables the reader to find the answers in the minimum space of time.

In addition to the "common or garden" information sought by the everyday gardener, there are innumerable articles on special branches of horticulture contributed by scores of nationally recognized experts. Drawings, maps, and diagrams supplement the text. Designed both for the professional and amateur.

By Norman Taylor, 1248 Pages, illustrated. \$5.95; postpaid \$6.15.

"All About House Plants" gives full information on what to grow and how to grow it. Whether you are interested merely in a pot or two of flowering plants on the window sill or an elaborate indoor garden of many species, this volume will tell you what to select to suit your particular needs and conditions, and how to develop its full possibilities.

By Montague Free—329 Pages; 17 pages of full-color illustrations; 32 pages of half-tones, and many linecuts; Price \$3.95; Postpaid \$4.15.

Vaughan's Vegetable Seeds

★ SYMBOL OF QUALITY

To guide home gardeners in selection of varieties to grow we mark with the symbol shown above those varieties which we consider to be superior under most conditions to other varieties of similar description and purpose. Outstanding varieties are enclosed in a box, like this.

Artichoke

Usually grown in frost free areas as a perennial. Can be grown elsewhere as an annual if started in a hot bed in February and transplanted to the garden as soon as danger of frost is past. One packet will produce 25 plants $\frac{1}{2}$ ounce 75-100 plants.

A-1 GREEN GLOBE. 110 Days. The edible portion is the base of the flower petals which is borne on a spike. Plants are large and vigorous. Pkt., 25c; $\frac{1}{2}$ oz., 85c; oz., \$1.50.

Asparagus

Seed

A packet of seed will produce about 50 plants. An ounce 300 plants. Seed is planted about an inch apart in rows 24 inches apart and allowed to grow for 1 or 2 years. Then the roots are dug and transplanted to their permanent location.

A-4 MARY WASHINGTON. Most recommended and a rust-proof strain. Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.20

A-5 PARADISE. Heavy yielding, producing crop in two years. Pkt., 25c; oz., 65c; $\frac{1}{4}$ lb., \$1.75

Roots

Roots are planted two feet apart in rows four feet apart. Spears can be harvested the second year after planting.

| | | | |
|------------------------|--------|--------|---------|
| | Doz. | 100 | 1,000 |
| MARY WASHINGTON | \$1.00 | \$4.25 | \$37.50 |

If by mail, add postage as follows: 100, 50c.

Beans

QUALITY in beans is measured by stringlessness, by tenderness, or the absence of fiber or "linen" in the pod; by ability to produce well under favorable or adverse conditions and by the length and shape of pod.



B-1 GREEN POD BUSH BEAN WADE. Pkt. 25c

B-1 WADE. 55 Days. All America Gold Medal, 1952.
★ Supreme quality combined with heavy yield won the top award for this new variety, which experts consider one of the finest all-purpose greenpod bush bean yet developed. Pkt., 25c; $\frac{1}{2}$ lb., 70c; lb., \$1.20; 2 lbs., \$2.15; 5 lbs., \$4.80.

Grow Finest Quality Beans With New Varieties

Canners, freezers and market gardeners have used these varieties with wonderful success. Now we offer these productive high quality varieties to you.

Green Pod Bush Beans

One week before frost proof date, sow bush beans two inches deep, 2-4 inches apart. Harvest pods before seeds form. If picked clean, plants will bear until frost; but young plants yield best and succession plantings are advised.

A packet of seed will plant 25 foot of row, $\frac{1}{2}$ pound 100 foot of row.

B-23 CONTENDER. 49 Days. An excellent 1950 introduction of the late Dr. B. L. Wade. Undoubtedly the finest early home garden bush bean and perhaps the best of all sorts. Resistant to common bean mosaic and greasy pod. Pkt., 25c; $\frac{1}{2}$ lb., 60c; lb., 95c; 2 lbs., \$1.50; 5 lbs., \$3.50.

B-13 TOPCROP. 50 Days. All America Gold

★ Medal 1950. This variety is unsurpassed for a combination of quality, yield and disease resistance. Compared with Wade it is not as dark a color, and the pods mature faster. It outyields Wade under most conditions. Pkt., 25c; $\frac{1}{2}$ lb., 60c; lb., \$1.00; 2 lbs., \$1.90; 5 lbs., \$4.50.

B-18 GARDENGREEN. 55 Days. All America 1959.

★ This new All America winner has proven very productive in a wide area of distribution. Vines have a concentrated set of pods which are 5-5 $\frac{1}{2}$ inches long round and very tasty. Pkt., 30c; $\frac{1}{2}$ lb., 90c; lb., \$1.50; 2 lbs., \$2.70; 5 lbs., \$6.00.

B-39 STRINGLESS GREEN POD. (Landreth Stringless). 50 Days. Medium sized bush, productive, bearing long, round pods of good color. Stringless fleshy and nearly straight. Does best in heavy clay soil. Pkt., 20c; $\frac{1}{2}$ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50.

B-40 TENDERGREEN. 52 Days. Good sized bush bearing long round pods of medium green color. The pods are straight and stringless and average 6 in. long and $\frac{3}{4}$ in. through. Pkt., 20c; $\frac{1}{2}$ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50.

B-30 PEARLGREEN. 53 Days. All America 1958.
★ Resembles Tendergreen in all respects except the seeds are white. Pearlgreen is more disease resistant and slightly more vigorous than Tendergreen. Pkt., 30c; $\frac{1}{2}$ lb., 90c; lb., \$1.50; 2 lbs., \$2.70; 5 lbs., \$6.00.

B-5 BOUNTIFUL. 49 Days. The earliest flat pod variety and extremely popular in the home garden. Pods are a clear light green, wide, flat, fleshy, slightly fibrous, but entirely stringless, brittle and tender. The seeds are a solid straw color or brownish yellow. Does well in any soil. Pkt., 20c; $\frac{1}{2}$ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50.

B-38 STREAMLINER. 55 Days. This is among the most productive of the bush types. The plants bear 7 in. long, $\frac{1}{2}$ to $\frac{3}{4}$ in. wide, fleshy pods. The quality is excellent; stringless, nearly fiberless, fleshy, round to flat, straight. Seed clear white, kidney shape, excellent as dry bean and outstanding for baking. Does well in medium heavy soil. Pkt., 25c; $\frac{1}{2}$ lb., 60c; lb., \$1.00; 2 lbs., \$1.90; 5 lbs., \$4.50.



VAUGHAN'S WILD BIRD FEEDING MIXTURES

(As recommended by the Illinois Audubon Society.)

LA140 5 lbs., \$1.00; 10 lbs., \$1.80; 100 lbs., \$14.00.

All prices prepaid within 300 miles of Chicago; otherwise collect.

Wax-Pod Bush Beans

Planting instructions and requirements are the same as for green pod bush varieties.

B-10 CHEROKEE. 53 Days. Originated by the South Carolina Experiment Station, this won an All America award for 1948. The plants are vigorous, prolific, uniform, with long, straight, and meaty golden yellow oval pods of good quality. Pkt., 20c; $\frac{1}{2}$ lb., 50c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50.



B-10 WAX-POD BEAN CHEROKEE. Pkt. 20c.

B-4 CHOCTAW. 53 Days. All America Bronze medal 1958. Choctaw was introduced by the Mississippi Experiment Station as the heaviest yielding wax bean ever observed in their trials. Pods are 6 inches long, round, stringless, bright clear yellow. Pkt., 25c; $\frac{1}{2}$ lb., 70c; lb., \$1.20; 2 lbs., \$2.15; 5 lbs., \$4.80.

B-29 PENCIL POD WAX. 55 Days. Plant large, strong, and bears an abundance of pods over a long period making it excellent for home garden use. Pods 6 in long, $\frac{1}{4}$ in. broad. Nearly round, stringless, straight, fleshy, free from fiber and excellent quality. Seed oblong, slightly flattened. Pkt., 15c; $\frac{1}{2}$ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50.

B-17 GOLDEN BOUNTIFUL WAX. 53 Days. Plants large and very productive. Pods deep yellow, wide, thick, flat, fleshy and stringless. Seed purplish black. Pkt., 20c; $\frac{1}{2}$ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50.

B-41 TOP NOTCH GOLDEN WAX. 52 Days. A superior type to the old Improved Golden Wax. Very productive and compact plant. Creamy yellow pods that are straight, oval, stringless and brittle. 5 inches long, $\frac{1}{2}$ inch wide. Seed solid white with brown eye. Pkt., 20c; $\frac{1}{2}$ lb., 60c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.00.

POLE BEANS

POLE varieties are less hardy than the bush varieties, and must not be planted until the weather is settled and the ground warm. Set the poles about two to three feet apart, and in each hill plant six to eight beans, thinning to the four strongest. A package plants 15 hills; 1 lb., 100 hills.



KENTUCKY WONDER

- B-11 BLUE COCO POLE BEAN.** 65 Days. World famous quality bean. A blue podded pole bean that turns green when cooked. An excellent grower that bears all season. Pkt., 25c; ½ lb., 80c; lb., \$1.35; 2 lbs., \$2.40; 5 lbs., \$5.40.
- B-21 KENTUCKY WONDER OR OLD HOMESTEAD.** 65 Days. The leading pole bean, the best known and most widely used. The pods are fleshy and 7 to 10 inches long and stringless when young. Kept picked they will bear all season. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50.
- B-22 KENTUCKY WONDER WAX.** 65 Days. Unsurpassed within the wax-podded pole variety field. A very heavy producer of attractive, high quality pods. Also good for green shell beans. Pkt., 25c; ½ lb., 60c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.00.
- B-44 WHITE SEEDED KENTUCKY WONDER.** 63 Days. Popular because adapted to freezing and stringless. Pkt., 25c; ½ lb., 60c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.00.
- B-36 SCARLET RUNNER.** 65 Days. Outstanding bean for its ornamental purposes but may also be used for green shell beans. Has large beautiful scarlet blossoms. Pkt., 25c; ½ lb., 80c; lb., \$1.35; 2 lbs., \$2.40; 5 lbs., \$5.40.
- B-48 YARD LONG OR ASPARAGUS BEAN.** 70 Days. Bears a long, round pod of 18 to 28 inches long, ¼ inch in diameter, light green, nearly round, fleshy, good quality when young. Pkt., 30c; ½ lb., 90c; lb., \$1.50; 2 lbs., \$2.70; 5 lbs., \$6.00.

FIELD and SHELL BEANS

Plant and grow the same as bush beans.

- B-9 DWARF HORTICULTURAL** (Speckled Cranberry). Plant medium size, fairly productive. 60 days for green shell and 90 days for ripe shell. Pods dark green becoming yellow splashed with carmine. Pods 5 in. long, ¾ in. wide. Nearly round at green stage, stringless but having fiber. Seeds full oval, pinkish buff. Pkt., 25c; ½ lb., 70c; lb., \$1.20; 2 lbs., \$2.15; 5 lbs., \$4.80.
- B-12 ENGLISH BROAD WINDSOR.** 80-90 Days. Stalks tall slender, pods green hairy, 5 to 6 in. long, containing 4 to 6 beans. Green shell beans, large flat, light green. Dry seed large, circular, flat, reddish brown with black eye. Will stand freezing and should be planted early in the north. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50.
- B-32 RED KIDNEY.** 95 Days. Plant is large, vigorous. Pods 5 inch long, ½ in. broad. Dark green, oval, flat, stringy, tough. Seed dark, reddish brown. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50.
- B-28 MICHELITE.** 95 Days. White Navy or Boston Pea-Bean (Michigan Navy). Resistant to mosaic and bacterial blight. It is the most widely known and grown of the commercial beans. Pkt., 20c; ½ lb., 60c; lb., 80c; 2 lbs., \$1.35; 5 lbs., \$3.25.

S-437 NITRAGIN

Inoculate Your Beans and Peas

The roots of legumes, which include peas and beans, are the hosts of bacteria which secrete nitrogen from the air. This is concentrated in nodules on the roots. The nitrogen becomes available to the soil, and stimulates the growth of the plant. This process is speeded up by applying a bacterial culture to the seed before planting. Nitragin is the original legume inoculation culture. S-437 Garden Size for peas, sweet peas, garden and lima beans. Pkt. 25c, postpaid 30c. Each packet treats 5 lbs. of seed.

Bush Lima Beans

One week after frost proof date sow seeds two inches deep, and thin plants of small seeded bush and all pole varieties to stand 6 inches apart, all large seeded bush to stand one foot apart. Plants kept picked clean will bear until frost.

Packet will seed 25 ft. of row, ½ lb. 100 foot.

- B-31 TRIUMPH.** 72 Days. All America winner, 1949. A new type that is in between Fordhook and Baby Fordhook in size, and which gives a heavy yield under adverse conditions. Of fine quality, especially suited to freezing and canning. Pkt., 20c; ½ lb., 60c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.00.
- B-15 FORDHOOK No. 242.** 73 Days. We recommend this variety in preference to Fordhook Bush, which it resembles in size and quality, but which it will outyield under adverse conditions. Pkt., 20c; ½ lb., 60c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.00.
- B-14 FORDHOOK BUSH.** 75 Days. Plant is large, erect and heavily productive. The seeds are large, white, very thick and plump. Highly adapted to freezing. Pkt., 20c; ½ lb., 60c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.00.



BABY FORDHOOK. Pkt., 20c

- B-2 BABY FORDHOOK.** 70 Days. Small plant with vigorous branch and leaf growth. Foliage darker than Fordhook and more productive. Excellent small thick beans for canning and freezing. Cross of Fordhook and Henderson. Pkt., 20c; ½ lb., 60c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.00.
- B-6 BURPEE'S IMPROVED BUSH.** 75 Days. Plant large and spreading and quite productive. Pods broad, flat, usually with 4 large thick greenish seeds. Pkt., 20c; ½ lb., 60c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.00.
- B-7 CANGREEN.** 65 Days. A new green seeded Henderson type of lima well adapted for freezing. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50.



HENDERSON BABY LIMA Pkt., 20c

- B-42 HENDERSON BABY LIMA.** 65 Days. Popular as an early home garden variety. Pods short, flat, containing 3 to 4 small oval beans. Green shell beans of excellent quality. Plant medium size and heavily productive. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50.

POLE LIMA

Packet plants, 15 hills; lb., 100 hills.

- B-24 KING OF THE GARDEN.** 88 Days. Outstanding pole lima for heavy production and climbing ability. Numerous large pods filled with 5 to 6 large beans of excellent quality. Pkt., 20c; ½ lb., 60c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.00.

Edible Soy Beans

Plant the same as greenpod bush beans.



Soy Beans have proteins, 36.5%; 17.5%; compared with Navy Beans' proteins, 22.7%; 15.5%. They are esteemed highly as a food for diabetics.

- B-3 BANSEI.** 90 Days. Most recommended for northern districts. Pods turn from a pale green to a pale greenish yellow. Pkt., 25c; ½ lb., 60c; 1 lb., 85c; 2 lbs., \$1.50. Improved germination and vigor of growth in beans is induced by inoculating the seeds with Nitragin. Garden size 25c, sufficient to treat 5 lbs. of peas, beans, lima beans and sweet peas. Easy to apply.



Italian Green Sprouting Broccoli

Packet will plant 25 foot of row ½ oz. 150 feet.

Sow outdoors with earliest crops, transplant or thin out 18 inches to 2 feet apart. Protect from aphids and cabbage worms. After center heads are cut, each branch will produce a head, harvest lasting until killing frost.

- B-96 DE CICCIO.** 60 Days. The earliest strain of broccoli available. It matures about 10 days earlier than the regular, which permits a partial harvest before the hot weather slows growth. Pkt., 20c; ½ oz., 45c; oz., 85c; ¼ lb., \$2.50

- B-95 CALABRESE.** 70 Days. An outstanding strain that is highly recommended for freezing. After its large center heads are harvested, smaller heads 2 inches in diameter form at the end of lateral branches. Pkt., 15c; ½ oz., 45c; oz., 85c; ¼ lb., \$2.50.

Brussels Sprouts

Packet will plant 15 foot of row ½ oz. 100 feet.

BRUSSELS SPROUTS are miniature cabbages formed on a plant stalk. The delicate flavor is improved by a touch of frost and it is usually a fall crop, sown in June, and thin the same as Italian Green Sprouting Broccoli.

- B-98 JADE CROSS.** 90 Days. A new hybrid that won in All America trials. This variety may rapidly outmode all others because it is so easy to grow. Plants are compact 22 inches tall and readily set sprouts. Seed will always be expensive because of hand pollination. Packets only, 50 seeds 50c.

- B-100 CATSKILL.** 90 Days. Plant dwarf and compact; 20 inches tall; very uniform; stem well covered with firm round, cabbage-like sprouts of 1¼ to 1½ inches in diameter which mature in succession. Pkt., 20c; ½ oz., \$1.10; 1 oz., \$1.90.

- B-99 LONG ISLAND IMPROVED.** 90 Days. Plant dwarf and compact; 20 in. tall; very uniform; stem well covered with firm, round cabbage-like balls of 1¼-1½ in. diameter which mature in succession. Pkt., 15c; ½ oz., \$1.10; oz., \$1.90.



BRUSSELS SPROUTS

Table Quality Beets



B-77 BEET PERFECTED DETROIT. Pkt., 15c; ½ oz., 25c

QUALITY in beets is measured by an even, globular shape, uniformity in size, bright, even color, flavor, fine texture and tenderness.

Our best seed is grown only from transplanted roots, which are taken up in the fall, carefully graded, and transplanted again to produce seed. Only beets which conform to the highest quality standards are planted for seeds.

All beets keep well in winter when properly stored. A special sowing should be made in midsummer to produce the storage crop.

As soon as soil can be worked in the spring, sow one seed to the inch, in drill half inch deep. Firm soil well over seed and water well if required. Thin when roots begin to make globes, to stand 4 inches apart in row. Cook discards with their tops.

Quantity needed to sow: 15 ft. row, 1 pkt.; 60 ft. row, 1 oz.; acre, 7 lbs. (Rows 18 in. apart).

B-78 FIRE BALL. 55 Days. A dark blood red beet that is almost completely free of zonation. A very nice sort for an early planting. The roots are a smooth globe shape like Detroit but not as large. Pkt., 25c; ½ oz., 35c; oz., 65c; ¼ lb., \$1.40

B-77 PERFECTED DETROIT. 55 Days. In this improved strain of Detroit Dark Red the fine qualities which have made that variety standard for main crop sowing have been strengthened by careful breeding. It is earlier and almost spherical in shape. The tops are taller than Regular Detroit and the leaves are green tinged with red. Pkt., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.00

B-76 DETROIT DARK RED. 55 Days. A strikingly uniform strain producing a very smooth globe shaped root of a very dark red inside and out. Tops are intermediate in height, uniform, refined, dark green becoming tinged with red. Pkt., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.00

B-75 CROSBY'S EGYPTIAN. 50 Days. This early variety has long been a home garden favorite. It is exceptionally tender and sweet, of a deep red with some light zoning, and fine texture. Tops are of medium size and the roots of a flattened globe shape. Pkt., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.00

B-83 RUBY QUEEN. All America Winner 1958. 50 Days. The blood red interior color free from zoning and smooth texture and cooking quality of this new beet make it very popular with home gardeners. The tops are short and dull reddish green. Excellent table quality. Pkt., 25c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25

B-79 WINTERKEEPER (Long Season). 75 Days. A home garden favorite, tender and sweet at any stage of growth, and keeps all winter. Perhaps best able quality variety. Matures slowly. Pkt., 25c; ½ oz., 35c; oz., 55c; ¼ lb., \$1.25

B-80 GREEN TOP BUNCHING. 55 Days. An early extremely attractive bunching beet that we recommend as a top all purpose beet. Tops medium. Roots round, smooth and glossy, slightly flattened when fully mature; flesh bright blood red. Pkt., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.00

B-81 IMPROVED EARLY EGYPTIAN. 45 Days. The best variety for forcing and first early crop. Roots are very dark red, rounded on top, flat beneath, small tops. Pkt., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.00

Sugar Beets

B-93 KLEIN-WANZLEBEN. 100 Days. The most desirable beet for sugar manufacture; valuable also for stock feeding. Roots medium large and good keeper. Pkt., 15c; oz., 30c; ¼ lb., 75c; ½ lb., \$1.25

Mangel Wurzel

MANGELS are an excellent crop for a source of feed for dairy and poultry farms. Both Mangel and Sugar Beet seed are in great demand for planting

in Europe. Our types are equally suited for European and home production. Sow in May or June, 6 lbs. to the acre, in rows 2 feet apart, and thin to nine inches.

B-89 MAMMOTH LONG RED. 110 Days. Largest and heaviest cropper of long red sort. Light red, flesh white tinged with rose. Pkt., 15c; oz., 30c; ¼ lb., 75c; ½ lb., \$1.25



C-100 COLLARD GEORGIA. Pkt., 15c; oz., 35c

Collards

THIS is a relative of the cabbage which produces green leaves of cabbage flavor, and having a much higher vitamin content. It produces edible leaves in 45 days. In the south collards are extensively grown instead of cabbage. In northern home gardens they will supply a larger quantity of edible leaves than cabbage for the space occupied.

C-100 GEORGIA. 75 Days. Non heading and very generally grown for greens in the south. Plant 2-3 feet tall, erect, spreading. Pkt., 15c; oz., 35c; ¼ lb., \$1.05

ALL ABOUT HOUSE PLANTS. By Montague Free. All About House Plants gives full information on what to grow and how to grow it. Whether you are interested merely in a pot or two of flowering plants on the window sill or an elaborate indoor garden of many species, this volume will tell you what to select. 17 pages of full-color illustrations, 32 pages of halftones, and many linecuts. 304 pages. Price \$4.15 postpaid.



EASY BLANCHING FULL HEART. Pkt., 20c

Celery

START the seed indoors and set the plants out around the middle of June. Eight inches apart for the early kinds and a foot for the winter varieties. Do not work over the plants when they are wet with dew or rain. Quantity needed for 400 to 500 plants, 1 pkt.; 8,000 plants, 1 oz.

C-72 EASY BLANCHING FULL HEART. 110 Days. ★ An early variety of erect, compact growth, blanching easily. Stalk is medium large and solid, crisp with no fibre and excellent flavor. Good winter keeper. Recommended for early storage for hearts. A very fine home garden type. Pkt., 25c; ½ oz., \$1.15; oz., \$2.00

C-86 SUMMER PASCAL. 120 Days. One of the most popular green varieties, used without bleaching. Recommended for home and nearby markets, but is too tender and brittle to stand long distance shipping. Resistant to blight. Stalks are long, solid, crisp, stringless and of excellent quality. Pkt., 20c; ½ oz., 95c; oz., \$1.75

C-80 UTAH PASCAL. (Salt Lake). 125 Days. A green ★ variety recommended for fall use, maturing earlier than Giant Pascal. Stems thick, solid, broad rounded and of fine quality. Pkt., 20c; ½ oz., 95c; oz., \$1.75

C-74 GIANT PASCAL. 135 Days. A tall late green celery of excellent quality. Leaf stalks round, thick and solid. A very fine variety for fall and winter use. Pkt., 15c; ½ oz., 95c; oz., \$1.75

C-77 GOLDEN SELF BLANCHING DWARF STRAIN. 115 Days. Dwarf bunches with broad, ★ heavy stalks, blanch into a rich, appetizing, golden yellow. Though the stalks are heavier than white varieties, its sweetness, tender crispness, delicious flavor and absence of strings make it a favorite. The French originators of this type have introduced a re-selected strain earlier and stronger growing than the older type. Pkt., 25c; ½ oz., \$1.15; oz., \$2.00

Celeriac TURNIP ROOTED CELERY

COOKED and prepared as a salad, or used to flavor meats, it has a rich celery flavor. The roots keep well in winter. Recipes for preparing enclosed upon request.

C-84 LARGE SMOOTH PRAGUE. About 110 Days. A main crop variety. Pkt., 20c; ½ oz., 95c; oz., \$1.75

Cabbage

After frost proof date, set out plants for early crop. Late varieties may be sown outdoors in June. Space small early types 12 inches apart, medium 18 inches, large late 2 feet. Water well and protect from worms and aphids.

One packet will plant 30 foot of row. One ounce will plant 200 foot of row.

Planting instructions for all kinds is the same.

Yellows Resistant Varieties

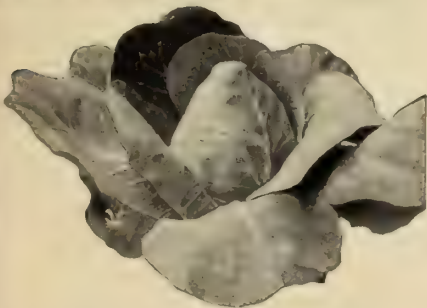
WHEREVER the temperature of the soil rises to 85 degrees and remains for several days, there is danger of the yellows disease, and when it strikes, a crop failure may result.

In the great cabbage growing district centering around Racine and Kenosha, Wisconsin, an industry has been saved by developing strains of cabbage resistant to yellows. We offer seed of these strains, which have been developed by years of scientific work, and actual growing tests. The uniformity and yield of resistant strains have greatly improved. We recommend their use wherever danger of yellows may exist. If the disease strikes, resistant strains will show slight loss, where non-resistant types would probably be destroyed.

C-12 GOLDEN ACRE RESISTANT. 62 Days. Similar in all respects to regular Golden Acre except that it has excellent resistance to yellows. Quite uniform in growth. Pkt., 20c; ½ oz., 65c; oz., \$1.15; ¼ lb., \$3.25

C-1 BUGNER. 100 Days. A winter variety most popular in the Chicago area. Our strain has been selected for resistant qualities many years. Pkt., 20c; ½ oz., 65c; oz., \$1.15; ¼ lb., \$3.25

C-10 GLOBE. 75 Days. A resistant Glory of Enkhousen of excellent flavor. You who think that there is no difference in the flavor of cabbage, should compare a mature Globe with any other. Pkt., 20c; ½ oz., 65c; oz., \$1.15; ¼ lb., \$3.25



C-15 CABBAGE JERSEY QUEEN

C-15 JERSEY QUEEN. 60 Days. As near a true Jersey Wakefield as is possible to select in type and earliness. Exceptionally resistant to yellows. One of the earliest resistant strains to mature and is recommended to the home gardener. Pkt., 20c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.70

C-16 MARION MARKET. 75 Days. Yellows resistant strain of Copenhagen Market. Larger and coarser in plant and not so early or uniform but with the round head and crisp tenderness of the parent cabbage. Will produce a normal crop on yellows infested soil. Pkt., 20c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.70



VAUGHAN'S WILD BIRD FEEDING MIXTURES

(As recommended by the Illinois Audubon Society.)

LA140 5 lbs., \$1.00; 10 lbs., \$1.80; 100 lbs., \$14.00.

All prices prepaid within 300 miles of Chicago; otherwise collect.

C-25 WISCONSIN ALL SEASONS.

90 Days. Either a kraut or home variety, but is used more for kraut than any other purpose.

Pkt., 20c; ½ oz., 65c; oz., \$1.15; ¼ lb., \$3.25

C-28 WISCONSIN BALLHEAD.

100 Days. A highly perfected strain of yellows-resistant cabbage. A good keeper, of finer texture and matures earlier than Wisconsin No. 8.

Pkt., 20c; ½ oz., 65c; oz., \$1.15; ¼ lb., \$3.25

C-5 WISCONSIN COPENHAGEN.

68 Days. A new introduction of a resistant Copenhagen strain that bears large heads early with a lighter color than Racine Market. This variety will also stand in the field a long time without bursting.

Pkt., 20c; ½ oz., 65c; oz., \$1.15; ¼ lb., \$3.25

C-30 RACINE MARKET. 64 Days. Large, round headed uniform cabbage of Golden Acre type with characteristic blue green color. Will remain in field longer than other early cabbage without splitting.

Pkt., 20c; ½ oz., 65c; oz., \$1.15; ¼ lb., \$3.25



C-18 O-5 HYBRID CABBAGE. Pkt., 35c

HYBRID CABBAGE

C-18 O-5 CROSS. 70 Days. This first F1 hybrid cabbage to be introduced was bred by a method requiring no hand pollination. Its chief merits are huge size, high quality and extreme vigor. The heads weigh up to 10 pounds, are solid, low growing, short stemmed, with bluish outer leaves and a light green interior. Pkt., 35c

RED VARIETIES

As named the leaves have an external red or reddish purple coloration very attractive in salads and slaw.

C-14 RED ACRE. 75 Days. An early, round head, very hard, 6 inches through, weighing 4 lbs. One of the earliest reds of quality. Pkt., 20c; ½ oz., 65c; oz., \$1.15; ¼ lb., \$3.25

C-17 MAMMOTH ROCK RED. (Long Island Strain). 100 Days. The hardest and largest heading red cabbage. Round, very solid and of a deep red color, often weighing up to 12 pounds each. Pkt., 15c; ½ oz., 65c; oz., \$1.15; ¼ lb., \$3.25

C-22 RED YELLOWS RESISTANT. 100 Days. Not as large as Mammoth Rock Red, but darker and more uniform color. Pkt., 25c; ½ oz., \$1.00; oz., \$1.90

SAVOY LEAVED VARIETY

This type has very wrinkled & rumpled leaves very distinct from the other varieties.

C-3 CHIEFTAIN SAVOY. 88 Days. You seldom see it in the markets, but friends who know European cooking will tell you how delicious Savoy Cabbage tastes, stuffed with sausage, or cooked in other ways. The flavor is more delicate than white cabbage, but does not keep as well. Pkt., 20c; ½ oz., 65c; oz., \$1.15; ¼ lb., \$3.25

Cultivation of the cabbage antedates reliable historical records. While it prefers moist, cool weather, it will not thrive in a shady location, and crowding in the row may cause it to go to seed rather than forming a head. Abundant feeding favors the early formation of heads, and while it suffers quickly from a lack of water it cannot endure "wet feet" but demands good drainage.



FIELD OF YELLOWS RESISTANT BUGNER CABBAGE

STANDARD VARIETIES

If cabbage yellows is not a problem these strains can be recommended.

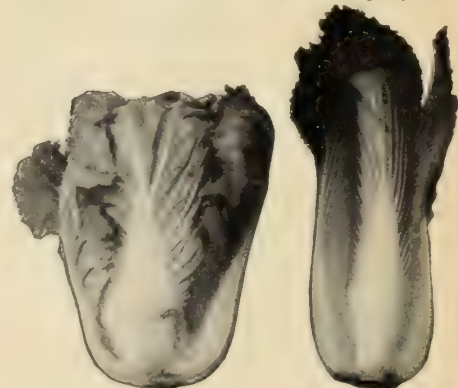
C-11 GOLDEN ACRE. 60 Days. The earliest round headed cabbage; especially valuable to the market gardener for early shipping. The plants are small and compact allowing close setting; the stem short and heads uniformly round and firm. Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00

C-4 COPENHAGEN MARKET. 65 Days. Earliest of the large heading cabbages, maturing even before the conical types, this select strain is of unique value both to home and market growers. Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00

C-9 EARLY JERSEY WAKEFIELD. 62 Days. This extra early conical shaped head cabbage is a specialty with us. The heads are hard, the outside leaves small, so that close planting is possible. Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00

C-6 DANISH BALLHEAD SHORT STEM. (Dwarf Amager). 105 Days. Heads large, flattened globe shape; very firm and solid; keep very well in storage. Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00

C-23 PREMIUM FLAT DUTCH. 110 Days. Seed may be sown in the open ground and plants raised without the use of hotbeds. Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00



PAOTING. Pkt., 15c

MICHIHLI. Pkt., 15c

Chinese Cabbage (CELERY CABBAGE)

Although a separate varietal species this kind is grown similar to cabbage but must be planted early for a spring crop or in late July for fall crop.

C-26 MICHIHLI, IMPROVED CHIHLI. 70 Days. From seed sown in late June or early July it produces slender, tight heads 6x18 inches, bleached in center with tips green. Makes delicious salad raw and has delicate cabbage flavor cooked without odor. Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00

C-19 PAOTING, OR WONG BOK. 80 Days. Genuine "Wong Bok" type. Will mature firm heads through the summer months. It has produced heads weighing 15 pounds and stands long before going to seed. It is the largest of the Chinese Cabbages. Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00



C-108. HYBRID SWEET CORN GOLDEN CROSS BANTAM.
Pkt., 25c; ½ lb., 70c; lb., \$1.20.

Quality

In 1922 when Dr. Smith of Purdue University introduced the first hybrid sweet corn (Golden Cross Bantam) he revolutionized sweet corn consumption in the United States. Here was a variety that would mature evenly and as a result could be inexpensively processed by canning. Golden Cross Bantam had the high sugar content of many of the open pollinated varieties and it is this sugar content that produces the flavor.

In processing corn the sugar content can be improved by adding syrup to the product. Canners are more interested in eye appeal of the processed product and plant breeders have in general neglected quality (high sugar) and concentrated on eye appeal.

Vaughan's have many home garden customers so have spent much effort on varieties that combine high sugar content with eye appeal. Our quality varieties are marked with this symbol ★.

SWEET CORN LONG HARVEST TEAM

Because hybrid sweet corns are so uniform in maturing it is necessary to make successive plantings if only one variety is used. Since many gardeners desire to plant only once we at Vaughan's have selected four varieties which, if planted at the same time will yield sweet corn for almost a month.

These four varieties are

- C-128** Golden Beauty. 65-70 Days.
- C-101** Bouquet. 70-75 Days.
- C-108** Golden Cross Bantam. 75-80 Days.
- C-111** Iochief. 80-85 Days.

1 2 oz. packet of each bought separately would cost \$1.00

(All 4 for only 75c)

Open Pollinated Varieties

C-106 EXTRA EARLY GOLDEN BANTAM. 78 Days. An 8-row Golden Bantam that matures about a week earlier than our standard strain. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50

C-114 IMPROVED GOLDEN BANTAM. 85 Days. ★ 10 to 14-row Golden Bantam, larger, yet equal in quality to the regular 8-row type. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50

C-107 GOLDEN BANTAM. 83 Days. The

★ tender sweetness of an ear of true Golden Bantam, picked just after it turns yellow and served in half an hour has never been excelled. To maintain this supreme quality, however, requires constant vigilance. We offer the finest obtainable. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50

C-126 CREAM-O-GOLD. 85 Days. A late variety with large ears and deep kernels fairly well suited for freezing on the cob. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50

C-124 BANTAM EVERGREEN. 90 Days. A product of Golden Bantam crossed with Stowell's Evergreen. It has retained much of the quality of Bantam and has the size and tender skin of Evergreen. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50

C-112 GOLDEN 60 DAY. 68 Days. It is bred from 60-Day White crossed with Golden Bantam. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50

C-110 GOLDEN MIDGET. 70 Days. On stalks 2½ ★ to 3 ft. tall this dwarf sweet corn is unsurpassed for flavor. Here is a variety that still tastes excellent after being frozen on the cob. Pkt., 20c; ½ lb., 60c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.00

C-102 COUNTRY GENTLEMAN. About 95 Days. Kernels crowded together on the cob. Deliciously tender and sweet. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50

C-120 STOWELL'S EVERGREEN. 95 Days. The stalks grow 7 to 8 feet high, and bear ears 8 inches long, with 16 or more rows. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50

C-123 BLACK MEXICAN. 85 Days. Selected for high sugar qualities. Ears 8 rowed, 8 inches long. Pkt., 20c; ½ lb., 60c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.00

POP CORN

C-135 ILLINOIS HULLESS. 100 Days. The ★ finest quality pop corn available. The kernels pop to over 35 times their original size and are a snowy white color completely without hulls. Pkt., 20c; ½ lb., 60c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.00

C-138 SOUTH AMERICAN. 110 Days. Usually 2 ears to a stalk. Large yellow kernels, 12 to 14 row ear, 6 to 7 inches long, pops to enormous size, no hard center. Pkt., 20c; ½ lb., 55c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$3.00

C-139 SOUTH AMERICAN HYBRID. Pkt., 30c; ½ lb., \$1.00; lb., \$1.70; 2 lbs., \$3.00; 5 lbs., \$6.50

C-136 JAPANESE HULLESS. Pkt., 20c; ½ lb., 55c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$3.00

C-137 JAPANESE HULLESS HYBRID. Pkt., 30c; ½ lb., \$1.00; lb., \$1.70; 2 lbs., \$3.00; 5 lbs., \$6.50

Sweet Corn Up to Date

HYBRID sweet corn differs from open pollinated varieties in the following ways: Heavier yield, more even maturity, greater vigor, and resistance to disease. Any open pollinated corn will mature unevenly and give edible ears from one planting over a longer period, which some may prefer. Our list has been revised to offer the best of both hybrid and open pollinated types, as proved in our trials.

A packet plants 40 hills; a pound, 400 hills; 12 lbs., an acre.

Sow two weeks before frost proof date, seeds two inches deep, three inches apart; to be thinned out to six inches; or six seeds to a hill, 2 to 3 feet apart according to variety's height, thinning to three plants per hill. Time succession sowings, two weeks apart.

HYBRID VARIETIES

C-108 GOLDEN CROSS BANTAM. 79 Days.

★ Being equivalent in both season and quality to Golden Bantam, this continues to be the favorite hybrid variety among home gardeners. It excels in sweetness and tenderness, with a larger ear and more vigorous growth than Golden Bantam. The ear measures 7½ to 8 inches and has 12 to 14 rows of kernels. Pkt., 25c; ½ lb., 70c; lb., \$1.20; 2 lbs., \$2.15; 5 lbs., \$5.00

C-109 HONEY. 80 Days. New hybrid bred for home gardeners, supreme in tenderness and flavor.

★ Grows 5 ft. stalks, 12 row ears, 7x1½ inches. The sugar content in the kernels of Honey is very stable so its flavor does not cook away. Pkt., 30c; ½ lb., 90c; lb., \$1.50; 2 lbs., \$2.70

C-128 GOLDEN BEAUTY. 68 Days. Silver Medal All America winner 1955. The ears are quite uniform about 8 inches long and the kernels are an attractive bright yellow. Yields lots of corn on sturdy vigorous plants. Pkt., 25c; ½ lb., 80c; lb., \$1.35; 2 lbs., \$2.40; 5 lbs., \$5.40

C-101 BOUQUET. 75 Days. A hybrid variety excelling in tenderness and flavor. Much sweeter than earlier varieties. A vigorous grower, disease resistant, esteemed by many as the best. Pkt., 25c; ½ lb., 80c; 1 lb., \$1.20; 2 lbs., \$2.10; 5 lbs., \$5.00

C-111 IOCHIEF. 83 Days. All America winner 1951. A fine home garden late variety that is suited to freezing or canning. Pkt., 25c; ½ lb., 80c; lb., \$1.35; 2 lbs., \$2.40; 5 lbs., \$5.40

C-125 GOLDEN MIDGET HYBRID. 68 Days. A

★ tender hybrid for the small home garden. A small eared, small stalked variety producing as early as any variety we know. Second only to open pollinated Golden Midget for freezing on the cob. Pkt., 25c; ½ lb., 90c; lb., \$1.50; 2 lbs., \$2.70; 5 lbs., \$6.00

C-127 GOLDEN ROCKET. 65 Days. A fine very early sweet corn. Eight inch ears with 12 rows of kernels that are borne on 6 ft. stalks. Pkt., 25c; ½ lb., 70c; lb., \$1.20; 2 lbs., \$2.15; 5 lbs., \$5.00

C-119 OUR CHOICE. 68 Days. This variety has been ★ our most popular early for several years and for an early corn has excellent flavor and quality. It is heavy yielding, with a good size 10-14 row ear. Pkt., 25c; ½ lb., 70c; lb., \$1.20; 2 lbs., \$2.15; 5 lbs., \$5.00

C-122. SURPRISE. (Improved Spangcross). 64 Days. 10 to 12 rows, golden yellow, ears 6 to 6½ inches. Stalks 57 to 60 inches tall and bear the ears 12 inches from the ground. This is the first early corn of good quality to mature. Pkt., 25c; ½ lb., 70c; lb., \$1.20; 2 lbs., \$2.15; 5 lbs., \$5.00

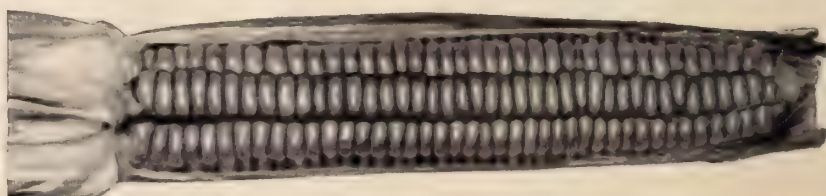
C-129 IMPROVED CARMELCROSS. 75 Days. A

★ recent introduction that has become the most popular of the second earlies or the early corns that bear large ears. Some claim this variety has the finest flavor of any of the early corns. Pkt., 25c; ½ lb., 70c; lb., \$1.20; 2 lbs., \$2.15; 5 lbs., \$5.00

C-115 IOANA. 81 Days. Productive variety, highly resistant to drought and wilt. Ears 7½ to 8 inches long, 12-14 rowed. Pkt., 25c; ½ lb., 70c; lb., \$1.20; 2 lbs., \$2.15; 5 lbs., \$5.00

C-103 COUNTRY GENTLEMAN HYBRID. 99 Days. Like Country Gentleman except heavy yielder. Set solid with irregular rows of kernels. These are white, shoe-peg form, very deep; sweet and tender. Pkt., 35c; ½ lb., \$1.10; lb., \$1.90; 2 lbs., \$3.55; 5 lbs., \$7.50

C-121 STOWELL'S HYBRID. 95 Days. A large stalked late white (white) corn with even rows of kernels. The stalks are tall (7 foot) vigorous and sturdy. The ears are 8-9 inches long and have 16-18 rows of kernels. Pkt., 30c; ½ lb., 90c; lb., \$1.50; 2 lbs., \$2.70; 5 lbs., \$6.00



C-110. GOLDEN MIDGET (EXCELLENT FOR FREEZING ON THE COB)

Cantaloupe

IN NO other crop does quality respond more quickly to careful breeding. Our special strains are selected for size, color, flavor and thick flesh.

Remember, muskmelons must ripen on the vine. Except the Honey Dew, they do not improve after picking.

Quantity needed for 20 hills, 1 pkt.; 100 hills, 1 oz.



WILT RESISTANT MELON, IROQUOIS.
Pkt., 25c

M-16 PENNSWEET. 70 Days. This early muskmelon was awarded an All America Bronze Medal for 1955. Very early, small sized fruits notable for thick sweet yellow flesh with small seed cavity, are produced in abundance. Highly suitable for short season northern areas. Pkt., 25c; oz., 85c; ¼ lb., \$2.50

M-17 PRIDE OF WISCONSIN. 85 Days. Similar in size and shape to Honey Rock. Oval in shape with tough, heavily netted rind and flesh deep orange and very thick, sweet and of excellent quality. Pkt., 15c; oz., 55c; ¼ lb., \$1.70

M-15 MILWAUKEE MARKET. 80 Days. Large, averaging 8 inches in diameter, with a small seed cavity and thick salmon flesh, this has the sweetest, most delicious flavor and the finest texture of any we know. It does not stand shipping. Its original quality has been increased by breeding from hand-cut, inspected melons. Pkt., 15c; oz., 55c; ¼ lb., \$1.70

M-12 HONEY ROCK (or Sugar Rock). 85 Days. A wonderfully sweet melon with thick orange flesh and a distinctive flavor suggesting the Honey Dew taste. It produces heavily. Oval fruits of medium shape, an excellent home garden variety. Pkt., 15c; oz., 60c; ¼ lb., \$1.80

M-19 EARLY BENDER, SCHOONS HARDSHELL. 90 Days. A large oval shaped melon with fruits 8-9 inches long and 7 inches in diameter. The rind is heavily netted, and the bright orange flesh is thick and very tasty. It produces heavily and is an excellent home garden variety. Pkt., 15c; oz., 60c; ¼ lb., \$1.80

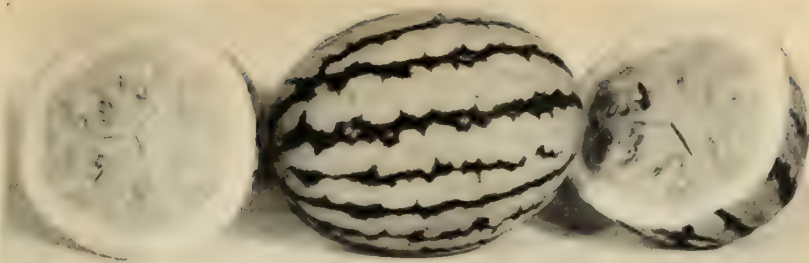
M-14 IROQUOIS. 90 Days. Developed by Cornell University with definite resistance to Fusarium wilt. Fruits are round to oval, about 6½ inches in diameter with permanent ribs and good netting. The rind is tough and holds up well. Flesh is deep orange color, of fine texture and excellent quality. Skin creamy green at maturity. Pkt., 25c; oz., 85c; ¼ lb., \$2.50

M-5 BANANA. 98 Days. Cucumber shape. Delicious odor. A novelty melon for the home garden. Pkt., 15c; oz., 60c; ¼ lb., \$1.80

M-10 HEARTS OF GOLD. 80 Days. For the home garden with heavy soil, this is a most delicious variety. It has a flavor all its own, and never surpassed. In size it is just right, 5 to 6 inches in diameter, almost a sphere, with small seed cavity, well netted with shallow sutures. Pkt., 15c; oz., 60c; ¼ lb., \$1.80

M-18 ROCKY FORD OR NETTED GEM. 95 Days. Flesh thick green, sweet, juicy and of good flavor. Fruits small, oval and show no ribbing, but covered with uniform netting. Pkt., 15c; oz., 55c; ¼ lb., \$1.70

M-11 HONEY DEW. 110 Days. Grown extensively in the warmer melon growing sections for local markets and distant shipping. Fruits broad and oval. Nearly white becoming creamy yellow; smooth with occasional net. Flesh thick, pale emerald green, sweet, juicy with honey like flavor. Stores well. Pkt., 15c; oz., 55c; ¼ lb., \$1.70



HYBRID DIXIE QUEEN. Pkt., 50c.

Watermelons For the North

WATERMELONS may be grown under favorable conditions in the north though they require a long season to mature and cannot be planted until the ground is warm. Soil such as will mature good muskmelons is needed, with plenty of hot weather, no lack of water, and rich feeding.

Quantity needed for 8 hills, 1 pkt.; 25 to 30 hills, 1 oz.

M-35 CHARLESTON GREY. 90 Days. In 1958 over 75% of all the commercial watermelons on the market were Charleston Grey. The melons are elongated, light green in color with good internal color and a heavy rind making them suitable for shipping. Pkt., 25c; oz., 70c; ¼ lb., \$2.00

M-52 SUGAR BABY. 75 Days. Somewhat larger than New Hampshire Midget, but small enough to fit into your refrigerator, averaging 8 inches in diameter, 8 to 10 lbs. Dark green, fewer seeds, and top rating for flavor. Pkt., 35c; oz., 85c; ¼ lb., \$2.50

M-44 RHODE ISLAND RED. 79 Days. A delicious new ice box type of watermelon developed by Dr. Desmond Dolan of the Rhode Island Experiment Station for more northern areas. Extra sweetness, real watermelon flavor, earliness and ideal size are virtues of this cross between Dixie Queen and Honey Cream. Pkt., 35c; oz., 85c; ¼ lb., \$2.50

M-48 NEW HAMPSHIRE MIDGET. 75 Days. A small very early home garden All America 1950 winner. The fruit are light green with dark green mottling and striping. Pkt., 25c; oz., 70c; ¼ lb., \$2.00

M-50 CONGO WATERMELON. 90 Days. A new large anthracnose resistant melon. This green striped melon has a bright red flesh that is exceptionally sweet. Pkt., 15c; oz., 60c; ¼ lb., \$1.75

M-40 HYBRID DIXIE QUEEN. 82 Days. Similar to regular Dixie Queen only a true F1 hybrid. The fruit are unusually sweet. Pkt., 50c; ½ oz., \$3.50

M-39 DIXIE QUEEN. 85 Days. A fine medium early home garden melon of excellent quality. Fruits nearly round, light green striped with darker green. Rind thin but tough, flesh a deep red, crisp and sweet. The seeds are white. Pkt., 15c; oz., 60c; ¼ lb., \$1.75

M-49 STONE MOUNTAIN RESISTANT No. 5. 85 Days. A recently introduced wilt resistant melon of outstanding merit for home and market garden; fruits very large, broad, oval, almost round with blocky ends; dark green with indistinct veins; flesh bright red, crisp and sweet. Pkt., 15c; oz., 60c; ¼ lb., \$1.75

M-38 COLE'S EARLY. (Harris Earliest). 80 Days. The best extremely early variety; very popular in northern sections, fruits medium size; dark green stripes alternated with lighter; flesh bright red of good quality, seeds blackish. Pkt., 15c; oz., 60c; ¼ lb., \$1.75

M-41 FLORIDA GIANT (Black Diamond or Cannonball). 95 Days. Fruits very large, dark green, nearly round, flesh bright red, crisp and sweet. This is a popular southern variety. Pkt., 15c; oz., 60c; ¼ lb., \$1.75

M-51 TOM WATSON. 92 Days. Fruits very large, oblong, cylindrical, symmetrical, flesh deep red, and sweet. Pkt., 15c; oz., 50c; ¼ lb., \$1.50

THE NEW GREENHOUSE GARDENING FOR EVERYONE. By Ernest Chabot. It's amazingly easy to garden under glass when you are guided, step-by-step, by this expert's clear advice. He tells and shows you all about Location, Construction, Heating, Ventilating, Automatic Watering, Pest Control, etc. Tells how to start vegetables and seedlings ahead of the season; grow orchids, roses, snapdragons, mums, and hundreds of other plants. Sixty illustrations! 252 pages. \$4.75. \$4.95 postpaid.

M-43 ICE BOX. 78 Days. It is desirable to have a melon that will go in the ice box without having to be cut. This round melon is about six inches in diameter, is early, hardy and of excellent flavor. Pkt., 15c; oz., 60c; ¼ lb., \$1.75

M-45 WILT RESISTANT KLECKLEY'S No. 6. 85 Days. Large, dark green, oblong fruits often 22 inches long, flesh rich red, sweet and fine texture. Pkt., 15c; oz., 60c; ¼ lb., \$1.75

M-53 WINTER WATERMELON. 85 Days. Like Honey Dew in size and long-keeping qualities. Excellent flavor. Pkt., 25c; oz., 70c; ¼ lb., \$2.00

M-42 GOLDEN HONEY. 90 Days. Best yellow fleshed melon. Oblong, brown seed, flesh a sparkling gold, attractive and delicious. Rind dark green. Pkt., 25c; oz., 70c; ¼ lb., \$2.00

M-36 CITRON. 92 Days. For Preserves. Pkt., 25c; oz., 70c; ¼ lb., \$2.00



MAGIC MUSHROOM TRAYS

Available from October to May

Mushrooms for home consumption can be grown in your cellar, without odor or disorder, in Magic Mushroom trays, which come filled with compost, and sown with spawn, ready to grow after you have soaked the soil.

Trays measure 15 by 17 inches. Mushrooms should mature in 3 to 4 weeks and continue to develop for two to four months. Four trays are recommended to supply the average family.

Compost which fills the tray is pasteurized and odorless. Shipping weight 15 lbs. without soil which you can supply from your garden.

Shipped with complete instructions, Prices, 3 trays, \$4.50; 6 or more, \$1.25 each, all shipments by express at purchaser's expense F.O.B. Ashtabula, O. or Chicago, Ill. and no trays will be shipped C.O.D.

PURE CULTURE IMPROVED VITA BOTTLE SPAWN

This spawn is made in glass jars under absolutely sterile conditions, so that every mold, weed seed or insect is destroyed and each bottle contains nothing but pure spawn. After the spawn is produced it is removed from the bottle intact and placed in a carton for shipment. One bottle equals 5 bricks of ordinary spawn and is sufficient for 40 square feet. Leaflet, "How to Grow Mushrooms" free with spawn.

Per carton \$1.50 5 cartons for \$7.00

If wanted by Parcel Post allow for postage at zone rate, weight about 1 lb. per carton.

PURE CULTURE IMPROVED VITA BRICK SPAWN

One brick will spawn 8 to 10 square feet and comes in pure white.

Per brick 75c 5 bricks for \$3.50

If wanted by Parcel Post add postage at zone rate, weight about 1 lb. per brick.

Slender, Tender Carrots

Endive



C-51 CARROT, TOUCHON. Pkt., 15c

CARROTS have been improved in quality at the same time their value as a health food has been gaining wider recognition. In addition to color, size, shape, tops and season of maturity, our special strains are selected for sweetness, and the tenderness and even texture of the flesh, especially for a minimum of "core." Scientists say the brighter the color, the more Vitamin A in carrots.

Sow as soon as soil can be prepared, in shallow drills, 5 seeds to the inch. Thin out when of finger size, and serve discards. Carrots will mature well growing close enough to touch, and remain delicious all season; but many prefer them young, and make several sowings.

Although carrots stand crowding in the row better than most plants they always need thinning out. If sown thinly, this can be done when the roots are as large as your little finger. At this stage they make a delicious dish.

C-43 IMPERIDA. 77 Days. A very long slender root with a short strong top. The roots are a deep orange and from 7 to 8' long.
Pkt., 25c; ½ oz., 50c; oz., 85c; ¼ lb., \$2.50

C-49 SWEETHEART. 70 Days. A very fine strain of Nantes type. The top is short and the root is a bright orange with the least core of any variety shown.
Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.95

C-51 TOUCHON. 70 Days. From the time it is finger size and thinned out of the row in early spring, until it reaches full growth in the autumn, this variety excels in flavor, tenderness, even in yield, for home gardens. Its slender shape permits growing closer than thicker types and decreases the core which all carrots have even though you may not see it. Its flesh is fine grained, sweet and has bright orange coloring.
Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00

C-48 RED HEART. (Red Core Chantenay). 70 Days. It has no visible core, but its rich red coloring is even throughout the flesh. The top is very strong, hence ideal for bunching. The root is of medium length, blunt, smooth and easily prepared for serving.
Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00

C-50 TABLE QUEEN. 70 Days. Half-long type, rich red, tender, crisp and one of the sweetest we know.
Pkt., 25c; ½ oz., 50c; oz., 85c; ¼ lb., \$2.50

C-47 NANTES HALF LONG SCARLET. 70 Days.
★ An early variety is not surpassed in tenderness and sweetness. The tops are small, the roots bright orange, smooth and cylindrical, 6 to 7 inches long. There is almost no core.
Pkt., 25c; ½ oz., 50c; oz., 85c; ¼ lb., \$2.50

C-42 GUERANDE OR OXHEART. 70 Days. Of rapid growth, often attaining a weight of ½ pound. It has a good flavor and is tender. A second early.
Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$1.95

C-44 IMPERATOR. 77 Days. Has roots 7 to 8 inches long, slightly tapering and just enough top to bunch well. Color is deep solid orange all through. It is prolific and of high quality, brittle, tender, sweet.
Pkt., 25c; ½ oz., 40c; oz., 70c; ¼ lb., \$1.95

C-45 IMPROVED CHANTENAY. 75 Days. A strain of Early Chantenay which resembles the original type in most respects except that it averages 1½ to 2 inches longer and has sloping shoulders.
Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00

C-46 IMPROVED LONG ORANGE. 88 Days. A good keeper with roots almost 12 inches long. The flesh is orange and the core light colored. Texture is fair.
Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$1.95

C-52 SELECT DANVERS. (Red Core). 75 Days. A half-long type, blunt point. Greater yield than any other. This is the red core type and superior to the old type of pale core. Skin and flesh are deep orange with an almost indistinct core.
Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$1.95



C-66 CAULIFLOWER IDEAL. Pkt., 50c

Early Cauliflower

HOME gardeners will find cauliflower not difficult where conditions are right. When plants are set out in late June or early July to mature in October, there is seldom any question of getting fine, large heads. Quantity needed for 150 plants, 1 pkt.; for 1,500 to 2,000 plants, 1 oz.

C-66 IDEAL. 65 Days. All America winner 1949.
★ An excellent Swiss bred variety that appears adapted to almost any section. This variety possesses great vigor and is very sure to head.
Pkt., 50c; ¼ oz., \$2.25; ½ oz., \$4.00

C-65 VAUGHAN'S SELECT SNOWBALL. 55 Days.
★ Improved strain of our New Snowball, early, dwarf, compact, producing solid white heads which measure 9 to 10 inches across and have a perfectly white core. Its heads are more uniform in size, and there are more leaves for protection in bleaching.
Pkt., 25c; ¼ oz., \$1.40; ½ oz., \$2.50

C-64 VAUGHAN'S NEW SNOWBALL. 60 Days. A well grown head measures 9 to 10 inches across, with depth in proportion, and a perfectly white core. Dwarf and compact in growth, though taller and slightly heavier yielder than Select.
Pkt., 25c; ¼ oz., \$1.15; ½ oz., \$2.00

Cardoon

C-41 The main stalks are blanched like celery; used for salad or in soups.
Pkt., 25c; ½ oz., 95c; oz., \$1.75



E-1 BROAD LEAVED BATAVIAN WHITE ESCAROLE. Pkt., 15c; oz., 40c; ¼ lb., 1.25

E-1 BROAD LEAVED BATAVIAN WHITE ESCAROLE. (Florida Full Heart). 90 Days. Of the straight smooth leaf Batavian type, this variety has the largest number of heart leaves and the finest salad quality of any we have tried. It grows upright, resists drought.
Pkt., 15c; oz., 40c; ¼ lb., \$1.25

E-3 GREEN CURLED. 90 Days. Standard variety for fall and winter. When centers are blanched, it is most beautiful.
Pkt., 15c; oz., 40c; ¼ lb., \$1.25

E-6 MOSS CURLED. Pkt., 15c; oz., 40c; ¼ lb., \$1.25

E-7 ROSE RIBBED CURLED. In 95 Days. Has leaf ribs of red.
Pkt., 15c; oz., 40c; ¼ lb., \$1.25

Chicory

C-97 WITLOOF (French Endive). 150 Days. A European delicacy now standard in all best hotels and restaurants in the U. S. It is easily grown. Sow in spring; store parsnip-like roots in sand until wanted for growing on in winter; directions on packages.
Pkt., 15c; ½ oz., 40c; oz., 75c

C-96 LARGE ROOTED MAGDEBURG. 65 Days. Roots may be cut in thick slices, roasted and used as a coffee substitute; in spring leaves make good salad.
Pkt., 15c; ½ oz., 40c; oz., 75c

C-95 ASPARAGUS CHICORY. 55 Days. Cultivated for its fresh green shoots, which are boiled in salt water and served hot or in cold salad. New sprouts continually spring from the base, to be harvested and enjoyed.
Pkt., 15c; ½ oz., 40c; oz., 75c

Chervil

C-93 CHERVIL. 70 Days. Similar to parsley, but of more delicate texture. Leaves bright rich green; finely divided and curled; pungent, aromatic; used for garnishing and flavoring.
Pkt., 25c; oz., 40c; ¼ lb., \$1.25

Chives

C-98 A perennial herb, a member of the onion family which every garden should grow. The slender, tubular leaves have a delicate onion flavor, just enough to season a green salad when the chopped-up leaves are used. Bears attractive flowers of a beautiful lavender.
Pkt., 25c; ½ oz., \$1.25; oz., \$2.25

Garlic Sets

G-2 SELECTED BAVARIAN. In about 110 Days. Garlic is grown by planting the small bulbs in rows, 4 inches apart in the row. Cover the bulbs with one inch of soil. When the tops turn yellow, lift the bulbs and dry in the shade. To keep for the winter, hang in strings in a dry basement.
Lb., \$1.50. Write for latest market prices on quantities.

Horseradish Sets

HORSERADISH. The roots produce good radish, fit for use in one season's growth. Plant roots in trench, pressing small end down, and cover with 3 to 4 inches of soil. Raise the plant once in the early season, without disturbing the tap root end, and rub off all excess rootlets.
Dox., \$1.00; 100, \$5.50;

Home Garden Cucumbers

Garden Herbs



C-170 CUCUMBER MANDARIN. Pkt., 25c

TWO distinct types of cucumbers are bred to fill the need for large fruits suitable for slicing to serve in salads, and the smaller, uniform, prolific, pickling varieties. Our special strains in both types are grown with the greatest care to insure that all standards of quality are maintained in your crop. **Quantity needed for 20 hills, 1 pkt.; 80 hills, 1 oz.**

Sow in hills three to six feet apart; six seeds 1½ inches deep to a hill, thinned three plants. Protect small plants from beetles. Water when needed, and keep vines picked clean.

SLICING CUCUMBERS

C-175 STONO CUCUMBER. 65 Days. A new dark green slicing cucumber bred by Dr. W. C. Barnes of the Clemson College Truck Experiment Station. Pkt., 25c; oz., 65c; ¼ lb., \$1.95

C-174 THE VAUGHAN HYBRID. 65 Days. A mosaic resistant long dark green and slender cucumber. Ideal for market or home. Pkt., 25c (30 seeds); ½ oz., \$6.00

C-171 MARKETER. 65 Days. A variety of recent introduction producing very dark green, cylindrical fruits which taper slightly at ends. Fruits are about 8 inches long and 2¼ inches in diameter. Pkt., 15c; oz., 45c; ¼ lb., \$1.35

C-170 MANDARIN. 45 Days. Earliest of all. One of the best cucumbers for the home garden. Has proved to be resistant to the blight, due to its Chinese ancestry. By letting the vines climb a trellis or fence, it bears for a long season; two plantings 20 days apart, will furnish the table with salad cucumbers all summer. Pkt., 25c; oz., \$1.00; ¼ lb., \$3.00

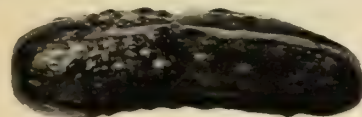
C-160 A & C (Colorado). 68 Days. A long, slender, dark green cucumber of excellent shape and intense dark color. Fruit is inclined to taper, especially at stem end. Pkt., 15c; oz., 55c; ¼ lb., \$1.65

C-161 SMOOTHIE. 65 Days. This unusual variety was developed by the North Carolina Vegetable Research Laboratory at Castle Hayne, and received an All America Award probably because of its freedom from spines or warts on the skin. The fruits are 8-10 inches long dark green with good quality. Pkt., 25c; oz., 65c; ¼ lb., \$1.95

C-180 THE VAUGHAN. 74 Days. The largest of outdoor cucumbers, it is also of first table quality. Compared to other Long, White Spine varieties, it is much darker in color, more uniform in shape and size, thinner and more prolific. It is the ideal American forcing variety, as well as an outdoor sort. Pkt., 15c; oz., 55c; ¼ lb., \$1.65

C-179 STRAIGHT EIGHT. 62 Days. A white spine which produces a high percentage of fruits perfectly straight and 8 or more inches long. Pkt., 15c; oz., 55c; ¼ lb., \$1.65

C-172 MINCU. 45 Days. Its fruits averaging 4½ inches long by 2 inches in diameter are suitable both for salad slicing and pickling. It bears from 8 to 10 fruits within a foot of the hill. Pkt., 25c; oz., 65c; ¼ lb., \$1.95



PICKLING CUCUMBERS

C-166 QUICK GROW. 50 Days. Matures about a week earlier than Chicago Westerfield. It will usually mature before the early blight appears and oftentimes will yield a good crop when the later dry weather has cut the yield of the later varieties. Pkt., 15c; oz., 45c; ¼ lb., \$1.35

C-183 CHICAGO WESTERFIELD. 58 Days. Since we first introduced this pickle years ago, it has been a distinguished success. When ripe the fruit is medium size, blunt at both ends, has prominent black spines. Pkt., 15c; oz., 45c; ¼ lb., \$1.35

C-173 NATIONAL. 54 Days. The type is shorter than the Chicago Pickle and the fruit being smaller, blight does not sap the strength of the vine. Pkt., 15c; oz., 45c; ¼ lb., \$1.35

C-165 BOSTON PICKLING. (Green Prolific). 58 Days. Smooth, symmetrical pickle, very early and productive. Pkt., 15c; oz., 45c; ¼ lb., \$1.35

C-169 JAPANESE CLIMBING. 68 Days. This is quite resistant to disease and insects. It is good quality and of dark green. Pkt., 25c; oz., 65c; ¼ lb., \$1.95

C-164 YORK STATE. 58 Days. A mosaic resistant pickle bred by Dr. H. Munger of Cornell University. Pkt., 25c; oz., 65c; ¼ lb., \$2.00

C-182 WISCONSIN No. 6. 54 days. A new National type of pickle with resistance to spot rot. A great boon to growers in Wisconsin, Michigan and Illinois. Pkt., 25c; oz., 65c; ¼ lb., \$1.95

SUNSET PRUNING HANDBOOK. Specific instructions with illustrations for pruning practically every tree, shrub or vine. This book will attempt to explain the "why" and the "how" in the nontechnical terms of the amateur gardener. 80 pages with illustrations. Paper bound, priced at \$1.75; \$1.95 postpaid.

Egg Plant

Egg Plant likes a rich, loamy soil. Plants should be set out in the garden as soon as danger of frost has passed, in rows 3 feet apart, the plants 2 feet apart.

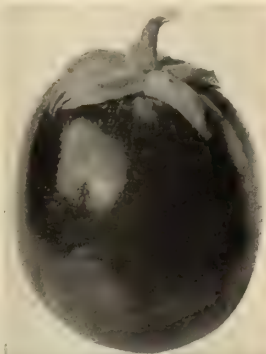
E-12 VAUGHAN'S HYBRID. 85 Days. A true hybrid introduced by us in 1951, which has met with great success.

This variety produces a tremendous crop of very large fruits. The fruit are extremely dark. Pkt., 50c

E-10 BLACK BEAUTY. 80 Days.

Favorite variety in northern gardens, this excels in quality, size and appearance. Its huge fruits are almost black, are highly decorative in exhibition baskets and collections. Pkt., 15c; ½ oz., \$1.00; oz., \$1.75

E-11 FLORIDA HIGH BUSH. 85 Days. Plants are well branched, hardy, and disease resistant. Pkt., 25c; ½ oz., \$1.25; oz., \$2.00



BLACK BEAUTY

HOW TO GROW AFRICAN VIOLETS by Carolyn K. Rector. A Sunset Book telling how to grow from seed, prepare potting Soils, pollinate and hybridize, control pests, diseases, groom plants for show, grow from leaf cuttings and general information on growing African Violets.

26 illustrations and photographs, 62 pages. Paper bound, \$1.50—Postpaid \$1.70.



SWEET MARJORAM. Pkt., 25c.

H-20 MIXTURE OF ANNUAL HERB SEEDS.

Pkt., 35c. This is intended to meet the needs of those who want to grow a row or bed of herbs without sowing a full packet of each variety. It will contain all available varieties of useful annual herbs. Sow in a nursery row, or seed box and transplant to a row or border in the garden.

H-21 MIXTURE OF PERENNIAL HERB SEEDS.

Pkt., 35c. For small gardens this will give enough plants of assorted varieties to supply the family needs, without the expense of purchasing a packet each. Sow in a nursery row and transplant in the fall to a permanent location.

H-1 ANISE. Used for garnishing, seasoning and for cordials. Pkt., 25c; ½ oz., 60c; oz., \$1.10

H-17 BASIL, SWEET, LARGE LEAVED. The leaves are used for flavoring soups and stews and tomato juice. The flavor of the leaves is spicy and it is desirable for salads and dishes containing tomato and cheese, egg plant, squash, carrots, peas, meat and especially for meat substitutes, including beans and fish. Pkt., 25c; ½ oz., 60c; oz., \$1.10

H-3 BORAGE. Flowers excellent for bees. Leaves used in salads. The flower spikes can be used in cooling drinks. Pkt., 25c; ½ oz., 65c; oz., \$1.20

H-4 CARAWAY. Seeds are used for flavoring bread, pastry, meats, etc. Pkt., 25c; ½ oz., 50c; oz., 90c

H-5 CATNIP. Grown for bee pasture. The leaves and young shoots are used for seasoning. Pkt., 25c; ½ oz., \$1.10; oz., \$2.00

H-7 CORIANDER. The seeds are used for flavoring. Pkt., 25c; ½ oz., 50c; oz., 90c

H-8 DILL. Leaves are used in pickles and for flavoring soups and sauces, and to be sprinkled over meats. Pkt., 15c; oz., 30c; ¼ lb., 90c

H-12 LAVENDER VERA OR TRUE. The best. Pkt., 25c; ½ oz., \$1.75; oz., \$3.00

H-13 ROSEMARY. The fragrant leaves are used in sachets and pot pourris, also to flavor roasts and stews. Pkt., 25c; ½ oz., \$1.50; oz., \$2.50

H-14 SAFFRON (false). Used for coloring dishes, also flavoring. Pkt., 25c; ½ oz., 75c; oz., \$1.30

H-16 SUMMER SAVORY. The leaves and young shoots are used for flavoring. Much used as a flavoring for beans, and in salads, vegetables, stews and other dishes. Pkt., 25c; ½ oz., 50c; oz., 90c

H-15 SAGE. A strongly flavored old-time favorite used in pork sausage and poultry seasoning. English Broad Leaf. Pkt., 25c; ½ oz., 75c; oz., \$1.35

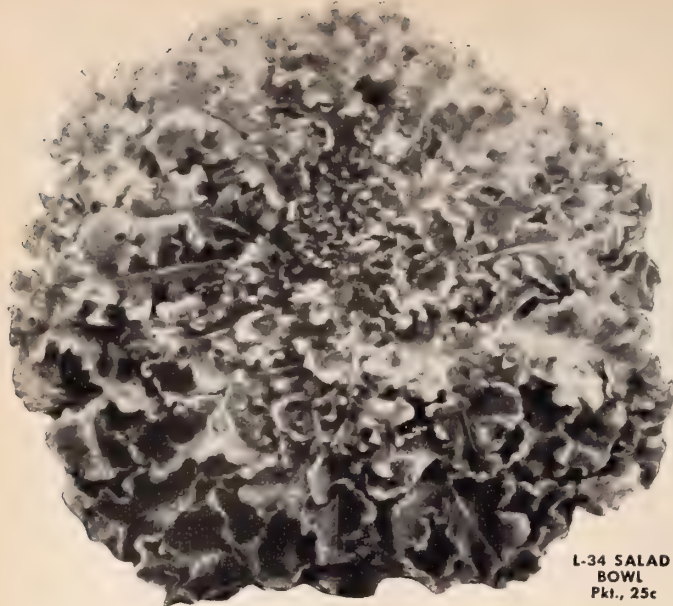
H-9 SWEET FENNEL. The leaves boiled are used in fish sauces and are excellent for garnishing. The seeds are used for flavoring. It is said Fennel is to fish what Mint is to lamb. Pkt., 25c; ½ oz., 50c; oz., 90c

H-18 SWEET MARJORAM. Tender perennial best treated as an annual. A favorite for flavoring soups, stews, salads, and meat dishes and sausage. Pkt., 25c; ½ oz., \$1.00; oz., \$1.90

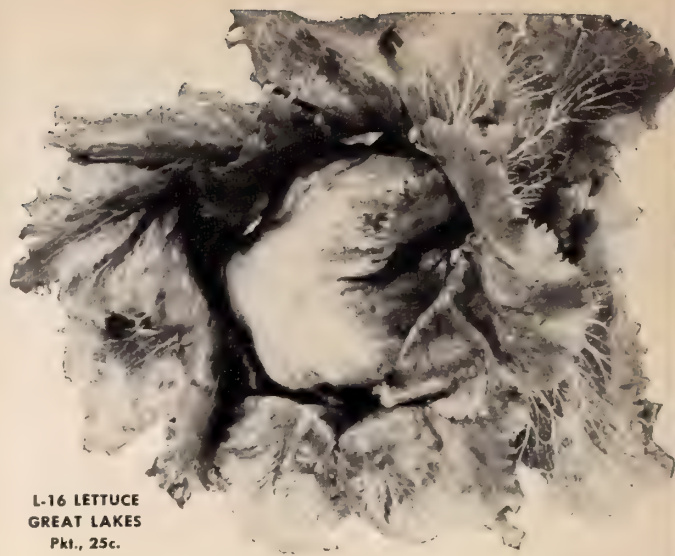
H-19 THYME. Used for seasoning meats, poultry, fish, cheese, eggs, soups, vegetables, stuffings and salads. A tea is also made for nervous headache. Pkt., 25c; ¼ oz., 85c; ½ oz., \$1.50; oz., \$2.50

Garden Huckleberry

G-1 Well described by the above name, this bears racemes or bunches of dark berries, ½ inch in diameter, which makes preserves. The bushes are about 3 feet tall. Cultivation is the same as with the tomato, of which this plant is a distant cousin. Pkt., 25c; ½ oz., 75c; oz., \$1.25



L-34 SALAD BOWL
Pkt., 25c



**L-16 LETTUCE
GREAT LAKES**
Pkt., 25c.

Lettuce for Salads All Season

SOW as soon as soil can be prepared, $\frac{1}{2}$ inch deep, 5 seeds to an inch. Feed well, to make it grow fast. Thin out at first to stand an inch apart; then use alternate plants until leaf varieties stand 8 inches, heading varieties 12 inches apart. Make succession sowings to prolong harvest, omitting the midsummer period.

LEAF VARIETIES

L-33 RUBY. 45 Days. The leaves of Ruby are a bright showy red and curled and frilled. The plants are so decorative that they actually add to a flower garden. All America Winner in 1958.
Pkt., 25c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00

L-34 SALAD BOWL. 45 Days. Gold Medal Winner. All America 1952. A good quality new home garden lettuce.
Pkt., 25c; $\frac{1}{2}$ oz., 60c; oz., \$1.10

L-28 OAK LEAF. 40 Days. Since we revived this excellent old variety, it has become the most popular leaf lettuce for home gardens from coast to coast. The rich dark green of its leaves, its tenderness and resistance to hot weather, are all outstanding. We consider it best of the leaf type for home gardens.
Pkt., 20c; $\frac{1}{2}$ oz., 75c; oz., \$2.25

L-7 BRONZE BEAUTY. 40 Days. This may be described as Oak Leaf with a bronze tinge in its leaves. As early as Oak Leaf, and equally tender, with a delightful nutty flavor. Its leaves bleach to cream in the heart, and the soft green of the tips is suffused with ruddy bronze.
Pkt., 25c

L-5 BLACK SEEDED SIMPSON. Matures in about 46 Days. Its large rich green leaves are thin, tender, and crisp. It is one of the most vigorous varieties in hot weather and slow to run to seed. It is especially adapted to the home garden.
Pkt., 15c; oz., 55c; $\frac{1}{4}$ lb., \$1.65

L-15 GRAND RAPIDS. 45 Days. This home garden favorite, also extensively planted for hothed or greenhouse growing. The leaves are light green, daintily curled, tender, crisp, delicious. Our selected stock has been bred to a high degree of uniformity in type and season.
Pkt., 15c; oz., 55c; $\frac{1}{4}$ lb., \$1.65

L-14 GRAND RAPIDS RESISTANT. 50 Days. Has a tendency to form heads when grown outdoors. Leaves more savoyed than the regular Grand Rapids.
Pkt., 15c; $\frac{1}{2}$ oz., 40c; oz., 75c

L-11 EARLY CURLED SIMPSON. (White Seeded Simpson). 45 Days. Very hardy and dependable; particularly popular for home gardens.
Pkt., 15c; oz., 55c; $\frac{1}{4}$ lb., \$1.65

L-30 PRIZEHEAD. 47 Days. Quick growing and popular for home gardens, plant medium large, strictly loose leaf, outside leaves tinged red, inner leaves wholly green.
Pkt., 15c; oz., 55c; $\frac{1}{4}$ lb., \$1.65

BUTTER HEAD VARIETIES

L-9 MATCHLESS LETTUCE. 55 Days. A distinct type that has an open loose head. Matchless has the quality of Bibb and it does not bolt and tolerates heat. It is superior for the home garden. If you have room for only one lettuce be sure that it is Matchless.
Pkt., 25c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00

L-6 BIBB (LIMESTONE). 57 Days. A small headed lettuce of excellent quality, popular in the middle south for many years. Leaves smooth, dark green, a favorite with chefs of luxury hotels.
Pkt., 25c; oz., 75c; $\frac{1}{4}$ lb., \$2.25

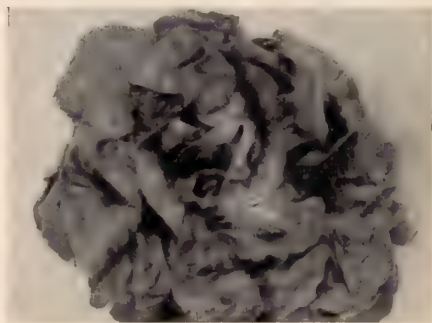
L-23 MAY KING. 63 Days. Very early variety. The outer leaves are tinged with brown; they fold close, permitting close planting in frames—tender yellow heart.
Pkt., 25c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00

L-31 BIG BOSTON. 75 Days. Large heads of bright green leaves, very tender.
Pkt., 15c; oz., 60c; $\frac{1}{4}$ lb., \$1.80

CRISP HEAD VARIETIES

L-32 PENNLAKES. 75 Days. An All America winner, 1949. An early heading lettuce that is particularly well adapted to midwestern and east coast growing.
Pkt., 25c; $\frac{1}{2}$ oz., 55c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00

L-16 GREAT LAKES. 75 Days. Plant large and vigorous and of good size and attractive color, is resistant to tip burn and stands up well under hot weather. The leading variety for midwestern growing.
Pkt., 25c; $\frac{1}{2}$ oz., 55c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00



L-6 LETTUCE BIBB. Pkt., 25c.

CRISP HEAD VARIETIES—Continued

L-20 IMPERIAL No. 456. 80 Days. Developed by Cornell Experiment Station as a variety suitable for those who wish to grow head lettuce in July and August.
Pkt., 25c; oz., 75c; $\frac{1}{4}$ lb., \$2.25

L-18 ICEBERG. 84 Days. This makes a small head, and it resists hot weather well. It is an excellent home garden variety and entirely distinct from New York, which is sometimes called Iceberg.
Pkt., 15c; oz., 75c; $\frac{1}{4}$ lb., \$2.25

L-10 CRISP AS ICE. 74 Days. Small dark green head overlaid with dark brown crumpled leaves, does not get bitter in hot weather.
Pkt., 25c; $\frac{1}{2}$ oz., 55c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00

ROMAINE OR COS VARIETIES

This type of lettuce forms upright loose folding heads, and the inner leaves bleach white. Esteemed the finest in flavor.

L-12 EXPRESS COS. In 70 Days. A Vaughan introduction. The most dwarf and earliest of all, leaves dark green. Delicious flavor. Self-closing.
Pkt., 15c; oz., 70c; $\frac{1}{4}$ lb., \$2.00

L-29 PARIS WHITE OR TRIANON. In 75 Days. Grows to large size. Self-closing.
Pkt., 15c; oz., 70c; $\frac{1}{4}$ lb., \$2.00

Other Salad Leaves CRESS

C-155 WATER CRESS (TRUE WATER). A distinct variety with small oval leaves. It thrives best when roots and stems are submerged in water.
Pkt., 25c; oz., \$2.25

C-154 UPLAND CRESS. 50 Days. Has highly prized flavor of Water Cress. Green all year; ready for use before any other salad.
Pkt., 15c; oz., 50c; $\frac{1}{4}$ lb., \$1.50

C-153 CURLED GARDEN CRESS. 50 Days. Used with lettuce it adds an agreeable pungency.
Pkt., 15c; oz., 50c; $\frac{1}{4}$ lb., \$1.50

Corn Salad

C-151 (Fetticus or Lamb's Lettuce). 45 Days. A most refreshing salad, hardy, much used in winter in place of lettuce. Sow either in spring or fall.
Pkt., 15c; oz., 75c; $\frac{1}{4}$ lb., \$1.75

Dandelion

D-1 THICK LEAF OR CABBAGE VARIETY. Cultivated for spring greens and salads. Unlike common sorts, almost double usual size.
Pkt., 25c; $\frac{1}{2}$ oz., \$1.40; oz., \$2.50

Finnocchio

H-22 FENNEL FLORENCE. Similar to celery, but forming an oval bulb-like enlargement at the base of the stem, which has a pleasing Anise-like flavor often used in fish sauces.
Pkt., 25c; $\frac{1}{2}$ oz., 50c; oz., 90c

All Types of Onions For Home Gardens

SETS

SETS are small onion bulbs artificially dwarfed by being sown thickly in rows, and stored over winter to be planted the next spring. The sets grow considerably faster than seed and green onions or bulbs can be harvested earlier than if grown from seed. Our sets of the following varieties are choice, small, dry and unsprouted.

Onion sets prices postpaid.

0-32 WHITE BOTTOMS. See White Portugal for description. Minimum order, 2 lbs., \$1.25; 5 lbs., \$2.25; 10 lbs., \$4.00

0-34 YELLOW BOTTOMS. See Ebenezer for description. Minimum order, 2 lbs., \$1.25; 5 lbs., \$2.25; 10 lbs., \$4.00

0-31 RED BOTTOMS. See Large Red Wethersfield. Minimum order, 2 lbs., \$1.25; 5 lbs., \$2.25; 10 lbs., \$4.00

0-30 GOLDEN GLOBE. See Golden Globe for description. Minimum order, 2 lbs., \$1.35; 5 lbs., \$2.50; 10 lbs., \$4.50

FOR FALL PLANTING



EGYPTIAN PERENNIAL SETS (Top Sets)

0-29 EGYPTIAN OR RED PERENNIAL. For fall planting only. This variety never forms a large bulb; its value lies wholly in its special adaptability to produce green onions for spring or fall use which are perfectly hardy and stay in the ground all the time. We sell sets in fall only, to be planted for early spring crop. Postpaid, 2 lbs., \$1.50; 5 lbs., \$3.50; 10 lbs., \$6.00

FOR SPRING PLANTING

0-35 YELLOW MULTIPLIERS. Especially valuable for the first early spring onions. They are very mild and sweet, and there are usually several stalks from a single bulb. Minimum order, 2 lbs., \$1.50; 5 lbs., \$3.75; 10 lbs., \$6.50

SWEET SPANISH TYPE

0-22 YELLOW SWEET SPANISH (Utah Strain). 110 Days. A sweet, mild giant onion. From seed sown direct in the garden it will produce onions weighing a pound; if started in the hot bed 2 pounds.

0-21 WHITE SWEET SPANISH. 110 Days. Bulbs are large and globe shaped with excellent mild flavor and often weighing 1½ pounds each. Must be planted early for best results. Pkt., 15c; ½ oz., 75c; oz., \$1.25; ¼ lb., \$3.75

0-12 MAGNIFICO HYBRID. 110 Days. A yellow Sweet Spanish type that will mature onions larger and sweeter than the regular strain. More vigor is evident all during the growing season. Pkt., 35c; ½ oz., \$1.25; oz., \$2.25; ¼ lb., \$6.50

HYBRID SWEET SPANISH ONION PLANTS. (For exhibition onions). These are for shipment from March 20 to May 1st and will produce the largest onions that can be grown. Minimum order 2 bunches, \$1.25; 10 bunches, \$5.00.

CLASSIFICATION of onions is confusing because some varieties are used for many purposes such as keeping, growing green bunching onions either from seed or from sets, to grow sets, and for pickling. Other varieties are used mainly for one of these purposes only, but any variety can be used green for bunching and sets can be produced from the seed of almost any variety by proper planting. The main use of each variety listed hereafter is stated in its description.

All onions require a long growing season and good bulbs form only after exposure to variable day lengths. Some varieties will not form bulbs in northern day lengths. We have listed only one of these southern varieties. Many varieties will not form bulbs if the plants are too close together.

Plant seed for all purposes as early as the ground can be worked. Sow seed about ¼ to ½ inch deep. To grow sets or pickling onions use an ounce of seed for 5 foot of row. To grow bunching onions from seed, 1 ounce will plant 50 feet. To grow bulbs from seed, 1 ounce will plant 100 foot of row. In planting sets for bunching onions use 2 lbs. for 50 foot of row, and for bulbs space them 2-3 inches apart.

WINTER KEEPERS

0-24 AUTUMN SPICE HYBRID. 105 Days. A new ★ hybrid in 1952. An excellent keeping Southport type onion with a beautiful dark skin. The bulbs are extra hard and the flesh is pungent and a creamy white.

Pkt., 35c; ½ oz., 85c; oz., \$1.50; ¼ lb., \$4.25.

0-10 GOLDEN GLOBE. 115 days from seed to bulbs. 90 days from seed to sets. 30 days from sets to bunching or pickling. 80 days from sets to bulbs. Mainly grown from seed or sets for the exceptionally fine yellow globe shaped onions of excellent keeping quality. Very productive.

0-10 Seed. Pkt., 15c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$3.00.

0-30 Sets. Minimum order 2 lbs., \$1.35; 5 lbs., \$2.50; 10 lbs., \$4.50.

0-13 DOWNING YELLOW GLOBE, Vaughan's ★ Strain. 110 days. A round onion very uniform in shape, size and color. The keeping qualities and excellent flavor and appearance make it popular with commercial growers and home gardeners. Pkt., 25c; ½ oz., 75c; oz., \$1.25; ¼ lb., \$3.75.

0-19 SOUTHPORT YELLOW GLOBE. BALL TYPE. 110 Days. Superior for muck soil, a fine keeper that is preferred by large onion growers.

Pkt., 25c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$3.00

0-18 SOUTHPORT RED GLOBE. About 110 Days. A perfect globe shape, deep red skin and tinted white, one of the best winter keepers. Pkt., 25c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$3.00

LARGE RED WETHERSFIELD. This is a red skinned variety very similar to Ebenezer in maturity dates, uses, and description. Possibly somewhat milder than either Ebenezer or White Portugal when grown under adverse conditions.

0-14 Seed. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.40.

0-31 Sets. Minimum order 2 lbs., \$1.25; 5 lbs., \$2.25; 10 lbs., \$4.00.

0-20 SOUTHPORT WHITE GLOBE. About 110 Days. A strikingly handsome onion; early, ripens evenly and is a fine keeper; the small, high-bred neck tells the story of quality; it is a true globe, pure white. Pkt., 25c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$3.00

Bunching and Pickling Types

WHITE PORTUGAL OR SILVERSKIN. The same number of days to maturity are required for White Portugal as for Ebenezer; and the variety is used for all purposes like Ebenezer and preferred by many because of the white skin. Actually the variety is a white skinned Ebenezer and is the best keeping of all white varieties.

0-25 Seed. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.40.

0-32 Sets. Minimum order, 2 lbs., \$1.25; 5 lbs., \$2.25; 10 lbs., \$4.00.



ONION SOUTHPORT YELLOW GLOBE. Pkt., 25c

EBENEZER. 100 days from seed to bulbs. 50 days from seed to bunching. 80 days from seed to sets or pickling. 30 days from sets to bunching. 70 days from sets to bulbs. Probably the most universally used to all onion varieties. Bulbs pungent, excellent flavored, flat shaped, and good keeper. Green onions grown rapidly from seed or sets are mild.

0-8 Seed. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.40.

0-34 Sets. Minimum order, 2 lbs., \$1.25; 5 lbs., \$2.25; 10 lbs., \$4.00.

0-23 WHITE LISBON (Bunch Onion). The best green Bunch Onions from seed are grown from White Lisbon, producing tender, long, white tops. If killed a little these green and white stalks may be consumed entirely. Does not get tough like the White Welch or Winter top.

Pkt., 25c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$3.00

0-11 HE-SHI-KO. 50 Days. An early bunch onion, deserving of more popularity, is hardy and may be sown either spring or fall. A fall sowing will produce green onions very early in the spring.

Pkt., 25c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$3.00

BERMUDA TYPE

0-7 CRYSTAL WHITE WAX. In about 90 Days. This is a pure white flat onion, very popular in the south, especially in Texas. Will make only small onions in the north from seed. Very sweet. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.40

LEEKS



L-2 LEEK ELEPHANT. Pkt., 15c

Leeks are better if transplanted. Use a dibber, set the plant deep in the hole and let the soil wash in. 130 Days.

L-2 ELEPHANT. Largest of all leeks.

Pkt., 15c; ½ oz., 60c; oz., \$1.00

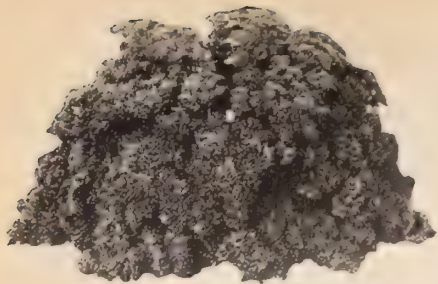
L-4 LARGE MUSSELBURG. Enormous broad leaves, mild flavor. Good exhibition sort.

Pkt., 15c; ½ oz., 60c; oz., \$1.00

L-1 BROAD SCOTCH OR LONDON FLAG. Hardy; a strong plant, with broad leaves.

Pkt., 15c; ½ oz., 60c; oz., \$1.00

Vaughan's Seed Company 67



P-30 PARSLEY, Champion Moss Curled. Pkt., 15c

Parsley

PARSLEY should be sown early because it is very slow to germinate; and it is best to use radish seed mixed with the parsley seed to mark the rows. Parsley is one of the richest of green vegetables in vitamin A, and iron.

The rooted parsley provides excellent flavoring for soups and stews. Quantity needed to sow 50 ft., 1 pkt., 200 ft., 1 oz.

P-30 CHAMPION MOSS CURLED. In about 70 Days. Robust, compact plants; the leaves are so crumpled and curled as to have the appearance of curled moss, with rich, green color. It is quite hardy. Pkt., 15c; oz., 40c; ¼ lb., \$1.20

P-34 EXTRA TRIPLE CURLED PARSLEY (Vaughan's XXX). 75 Days. Plant compact, leaves dark green and so finely cut and closely curled as to resemble tufts of moss. Many of our customers plant it as a border. Pkt., 15c; oz., 40c; ¼ lb., \$1.20

P-33 PLAIN OR ITALIAN. 72 Days. Not curled. However, the flavor is excellent and plant is very hardy. Pkt., 15c; oz., 40c; ¼ lb., \$1.20

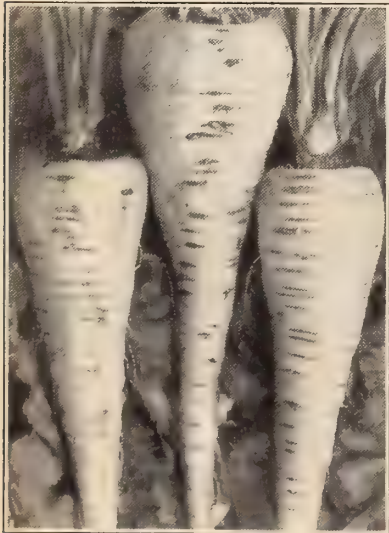
P-32 HAMBURG ROOTED. 90 Days. Resembles a small parsnip. Used for flavoring soups. Our strain is exceptional. Pkt., 15c; oz., 40c; ¼ lb., \$1.20

Parsnips

PARSNIPS may be harvested at times when the ground has little else to offer. Let them remain in the ground over winter, and dig them during a thaw or when the spring thaw comes—they will be as sweet and tender as ever. A freeze is required to sweeten them. Quantity needed to sow 25 ft., 1 pkt., 150 ft., 1 oz.

P-42 ALL AMERICAN (Marrowfat). 95 Days. This variety produces roots of uniform good size, fine shape, clean, smooth skin. In flavor it is unequalled. For exhibition it is a winner. Pkt., 15c; oz., 35c; ¼ lb., \$1.00

P-40 HOLLOW CROWN, LONG SMOOTH. About 95 Days. Tender and sugary; one of the best. Pkt., 15c; oz., 35c; ¼ lb., \$1.00



P-40 PARSNIP, HOLLOW CROWN. Pkt., 15c



P-11 LITTLE MARVEL PEA. Pkt., 20c

Plant Peas Early

PEAS are rich in sugar, which begins to turn to starch when they are picked; thus home gardeners alone can enjoy this crop at its best.

Where hot dry summer weather cuts short the crop, the problem is to get the heavy yield, large size and sugar content of the late sorts into early yielding varieties which will bear a crop before the summer's drought arrives. Our strains are selected for these qualities. Quantity needed for 100 ft., 1 lb.

Sow smooth seeded with earliest crops, wrinkled peas two weeks before frost proof date. Sow 2 inches deep, two inches apart in row, or in twin rows, 6 inches apart, with support between. Crop must mature before hot weather.

P-17 WANDO. 64 Days. A high quality heat resistant pea that is adapted to fall planting as well as spring. Pkt., 25c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50

P-11 LITTLE MARVEL. 64 Days. The most satisfactory pea in the average home garden. The big point in its favor is that it remains in prime picking condition a week longer than the older sorts. Very productive, hardy, luscious and sugary. Vine 18 inches, pod dark green, well filled. Pkt., 20c; ½ lb., 55c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$3.00

P-7 GIANT STRIDE. 74 Days. Pea blight is a wilt affecting peas when they are planted too often in the same ground. You will find Giant Stride nearly 100% resistant, as well as of top quality and a heavy yielder. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50

P-12 NOTT'S EXCELSIOR PREMIUM GEM. In 60 Days. Almost as early as the round seeded varieties, but far superior to them in quality. Vines about 16 inches high, pods about 3 inches long, each containing 5 to 7 peas of good size, tender and delicious. Pkt., 20c; ½ lb., 55c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$3.00

P-1 ALASKA—CALLED EARLIEST OF ALL. In about 57 Days. Alaska seed is bluish in color and smooth. This is the earliest pea to mature and is used extensively in Wisconsin for canning. Pkt., 20c; ½ lb., 55c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$3.00

P-10 LAXTON'S PROGRESS HUNDREDFOLD. 62 Days. The earliest and by far the best of the large-podded, large fruited wrinkled peas. Of all the varieties producing peas of equal quality, this is the heaviest yielding. It bears long pods, averaging one more pea to the pod than Hundredfold. Pkt., 20c; ½ lb., 55c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$3.00

P-15 WORLD'S RECORD OR IMPROVED GRADUS. 57 Days. Gradus is the greatest of the wrinkled peas; it is large early, and in flavor equal to the best wrinkled kinds. It is tender and should be planted in the warmest spot in the garden. Vines 30 inches, pods 4 inches long, beautiful green color, with 7 to 8 or more rich, tender peas in each. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50

P-3 DWARF TELEPHONE OR DAISY. About 76 Days. A midseason maturing sort of merit; vines are dwarf and bear large, bright green pods, each containing 8 to 10 peas of finest quality. This is a splendid variety, of which we offer a high-class reselected stock. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50

P-9 IMPROVED TELEPHONE. 74 Days. Of the tall-growing varieties of late peas, "Vaughan's Improved Telephone" is regarded by experienced and successful growers as the best sort for general purposes. Uniformly large pods, 5 inches or more long, filled with 8 to 9 delicious peas. Grows 4 feet high; is a main crop variety, and a heavy yielder. Pkt., 20c; ½ lb., 55c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$3.00

P-14 THOMAS LAXTON. About 62 Days. The best pea for freezing. This is a selection of Gradus. The season is identical, but the pods are square at the end and deeper green. Vines are 3 to 3½ feet high. A better yielder than Gradus. Pkt., 20c; ½ lb., 55c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$3.00

EDIBLE POD PEAS

Cooked Like String Beans

P-4 DWARF GRAY SUGAR. About 65 Days. The pods, not the seed of this variety are eaten. They are borne on vines 16 inches tall, and should be picked before seeds form. At this stage they are: stringless, brittle and succulent. Pkt., 20c; ½ lb., 60c; lb., 85c; 2 lbs., \$1.50; 5 lbs., \$3.50

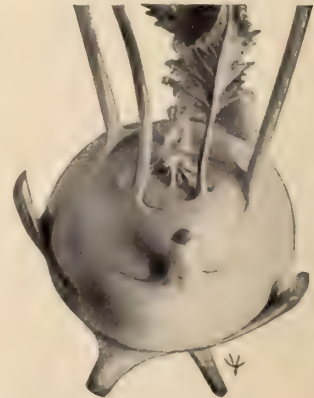
S-437 NITRAGIN

Inoculate Your Beans and Peas

The roots of legumes, which include peas and beans, are the hosts of bacteria which secrete nitrogen from the air. This process is speeded up by applying Nitragin, the original legume inoculation culture. S-437 Garden Size for peas, sweet peas, garden and lima beans. Pkt., 25c, postpaid 30c. Each packet treats 5 lbs. of seed.

Kohlrabi

SOW in April or May in rows, thin to 8 inches. The globular fruits grow above ground, are striped and cooked like turnips, but are much sweeter.



VIENNA KOHLRABI EARLY WHITE. Pkt., 20c

K-11 EARLY WHITE VIENNA.

55 Days. White and tender. Pkt., 20c; ½ oz., 40c; oz., 70c

K-10 EARLY PURPLE VIENNA.

About 60 Days. Same as the white except that shoulders and leaves are tinged with purple. Pkt., 20c; ½ oz., 40c; oz., 70c

Kale or Borecole

GREENS for early fall, winter and spring. Sow seed about middle of June, later transplant to rows 2 to 2½ feet apart. Dwarf sort can be sown later. Frost improves flavor.

K-1 DWARF GREEN CURLED. In about 55 Days. Leaves curly as Parsley, tender and very fine flavor. Immense quantities produced in south find ready sales in the north. Pkt., 15c; oz., 50c; ¼ lb., \$1.50

K-3 TALL GREEN CURLED. About 75 Days. Pkt., 15c; oz., 50c; ¼ lb., \$1.50

MUSTARD

LEAVES useful as salad or boiled like Spinach. Matures in 30 Days. A packet will plant 25 foot of row. One ounce will plant 200 foot. Thin to 1 plant every 6 inches.

M-71 GREEN WAVE. All America Award for 1956. This gives the longest harvest in hot weather and has the darkest green coloring of any mustard. Holds quality two weeks longer than Giant Southern Curled Longstanding. Pkt., 20c; Oz., 60c

M-76 TENDERGREEN. A variety of greens, producing only a small root, but large green leaves having a small rib. It is ready for table or market in 21 to 25 days and will produce 8 to 9 crops a year. Pkt., 15c; oz., 30c; ¼ lb., 90c

M-72 FLORIDA BROADLEAF. Upright growing, deep green leaves, fairly smooth. Desirable for greens because of the ease of preparing and its pleasant pungent flavor. Pkt., 15c; oz., 30c; ¼ lb., 90c

M-73 GIANT SOUTHERN CURLED LONG STANDING. Large leaves often measure 14 inches; ready for use in about six weeks after sowing. Plants will continue to yield until frosty weather. Leaves boiled like spinach. Pkt., 15c; oz., 30c; ¼ lb., 90c

Okra

OKRA pods are used in soups, stews and salads. It is a hot weather plant, but can be grown in the North much like corn, the plants being started indoors in paper pots. The pods should be gathered each day while still tender and pulpy.

Quantity needed for 15 ft., 1 pkt.; 50 ft., 1 oz.



O-2 OKRA DWARF LONG POD. Pkt., 15c

O-3 TALL OR PERKINS MAMMOTH. 68 Days. The long pods, measuring 4 and 5 in. are produced in great quantities. Pkt., 15c; oz., 30c; ¼ lb., 90c

O-2 DWARF LONG POD. 65 Days. Low, stocky and productive, with long pods. Pkt., 15c; oz., 30c; ¼ lb., 90c

O-1 CLEMSON SPINELESS. 55 Days. Similar to Dwarf Long Pod; a little taller bush, having longer and darker pod. Pkt., 15c; oz., 30c; ¼ lb., 90c

O-4 WHITE VELVET. 70 Days. Produces pods larger than any other. Pkt., 25c; oz., 50c; ¼ lb., \$1.50

Peppers, Sweet or Hot

THE plants should stand eighteen inches apart in rows. They are constantly becoming more popular, both in salads and for use in cooking. One packet produces 75 plants; oz., 1,000 plants. Plants started eight weeks before are set out one week after frost-proof date. Harvest continues until frost, if vines are picked clean.



P-61 PEPPER HUNGARIAN OR BANANA SWEET. Pkt., 15c

P-66 WISCONSIN LAKES. 68 Days. A new early heavy yielding block-shaped green pepper bred at the University of Wisconsin. It is particularly suited to the northern area, and has given heavy yields on both sandy and clay soils. Pkt., 35c; ½ oz., \$1.25; oz., \$2.25.

P-51 BULL NOSE, HOT. 60 Days. A pungent pepper. Pkt., 25c; ½ oz., \$1.00; oz., \$1.80

P-52 CALIFORNIA WONDER. 75 Days. A mild sweet variety, very large. It resembles Chinese Giant in form, but has much thicker flesh. Fruits are dark green until they reach full size then they turn crimson. Pkt., 15c; ½ oz., 90c; oz., \$1.60

P-57 EARLY CALIFORNIA WONDER (Calwonder) 65 Days. A quality giant, is recommended for the home garden. Mild, sweet, mid-season, it produces fruits 4 x 4½ inches with thick flesh a deep green changing to bright crimson. Pkt., 20c; ½ oz., 95c; oz., \$1.70

P-53 CAYENNE. 70 Days. Long, red, hot. Pkt., 25c; ½ oz., \$1.00; oz., \$1.80

P-58 GIANT MAGNUM DULCE. 67 Days. This mild pepper grows to 7 inches long and 4 inches through—but when grown so large the yield is small. To get a large yield of medium sized peppers, pinch off the first buds. Pkt., 20c; ½ oz., \$1.00; oz., \$1.80

P-75 GOLDEN CALIFORNIA WONDER. 80 Days. ★ The same as California Wonder except that the fruit are bright golden yellow until they reach full size then turn red. Pkt., 25c; ½ oz., \$1.00; oz., \$1.80

P-59 HARRIS' EARLY GIANT. 63 Days. Heavy yielder among the large peppers, also earlier. The plants are vigorous; pepper 4 x 4½ inches. Color, deep green turning to red, very sweet. Pkt., 25c; ½ oz., \$1.00; oz., \$1.80

P-60 HUNGARIAN OR BANANA (Hot). 65 Days. A slender hot pepper much prized for canning. It is 1½ inches in diameter at the base and often 7 inches long. Yellow turning to red. Pkt., 25c; ½ oz., \$1.10; oz., \$2.00

P-61 HUNGARIAN OR BANANA (Sweet). 65 Days. Same as above, but sweet. This is a specialty of ours. The plants are strikingly uniform and the fruits are borne in great numbers. Excellent flavor. Pkt., 15c; ½ oz., 95c; oz., \$1.70

P-68 PIMENTO PERFECTION. 73 Days. Flesh thick and very mild. Must be started early in the north to mature. Pkt., 25c; ½ oz., \$1.10; oz., \$2.00

P-70 RUBY KING, KING OF THE NORTH. 68 Days. One of the most popular, growing 4½ to 6 inches long, 3½ to 4 inches thick. The peppers are green turning to a bright ruby-red and quite sharp in flavor. Pkt., 25c; ½ oz., \$1.10; oz., \$2.00

P-69 RED CHILI. 75 Days. An exceptionally prolific variety that is really hot. The fruit are thin-fleshed, very pungent light green becoming dark red when mature. Used extensively for pepper sauces, pickling and drying for winter use. Pkt., 25c; ½ oz., \$1.10; oz., \$2.00

P-71 SUNNYBROOK. 73 Days. Tomato shaped, very early and productive. Fruits 2 in. deep and 3 in. diameter, smooth, glossy, dark green, turning deep red. Flesh thick and sweet. Pkt., 25c; ½ oz., \$1.10; oz., \$2.00



P-73 PEPPER YOLO WONDER. Pkt., 25c

P-73 YOLO WONDER. 70 Days. A new mosaic resistant variety originating from a cross between California Wonder and Elephant Trunk, a mosaic resistant variety from Italy. It has all the excellent qualities of California Wonder, thick walls, dark green color turning to bright crimson, and in addition yields heavier. Pkt., 25c; ½ oz., \$1.00; oz., \$1.80.



SMALL SUGAR PIE PUMPKIN. Pkt., 15c

Pumpkins

SOW when the ground is warm and give the plants room to ramble. The partial shade of the sweet corn plot is ideal. A few hills will provide amply for pies and Jack O'Lanterns.

P-97 SMALL SUGAR OR PIE. 110 Days. Well known as **the best pie pumpkin**. The fruit is small to medium size, with solid fine grained flesh, and a sweet, sugary, delicious flavor. Pkt., 15c; oz., 45c; ¼ lb., \$1.35

P-98 HALLOWEEN OR JACK O' LANTERN. 110 Days. Ideal size and shape for Jack O'Lanterns. In addition has fine cooking quality. Pkt., 25c; oz., 50c; ¼ lb., \$1.50

P-91 STRIPED CUSHAW. 110 Days. A favorite pumpkin for pies, having no seeds in the neck, all being confined in the enlarged portion near the blossom end. Pkt., 15c; oz., 45c; ¼ lb., \$1.35

P-96 MAMMOTH PRIZE. About 120 Days. Specimens have grown to 100 lbs.; notwithstanding, it is among the best pie pumpkins. Flesh fine grained, sweet and tender. Requires a long season and plenty of room (one plant to a hill). Pkt., 15c; oz., 50c; ¼ lb., \$1.50

P-95 LARGE FIELD OR BIG TOM. 110 Days. A standard variety grown in corn fields for a feeding crop and **the pumpkin generally used for canned pumpkin**. Pkt., 15c; oz., 45c; ¼ lb., \$1.35



PUMPKIN "BIG TOM." Pkt., 15c

ROSES FOR EVERY GARDEN. By R. C. Allen. An informing "must" for every real rose lover! Explains every detail of successful rose culture, with a thorough resumé of Bush and Climbing Roses, news of hybrid teas and floribundas. The Secretary of the American Rose Society gives you complete information on First Plantings, Soil, Care, Pruning, Propagation, Hybridization, and Exhibiting. First book honored as a selection of the National Council of State Garden Clubs, Inc. Contains numerous helpful, "how-to" drawings, 32 illustrations IN COLOR! 218 pages. \$4.50; \$4.70 Post-paid.

Radishes

RADISHES from April to December are possible for the home gardener who sows early, midseason, summer and winter types.

Our strains are grown with the greatest care, which involves considerably increased cost, but the additional cost is small compared with the great difference in your crop.

Quick growth is the secret of success. A rich, light soil is required. The globe varieties grow faster than the long types. The long types endure heat better. Winter radishes should be sown in June or later and allowed to develop in the cool moist fall weather. Quantity needed for 15 to 20 ft., 1 pkt.; 75 ft., 1 oz.

Sow with earliest crops, ½ inch drill, 5 seeds to the inch. Sow early types one week's supply at a time, at weekly intervals. Mix with parsnips, parsley and carrots, to make the row. Harvest when large enough to eat. Winter types have longer harvest.

R-4 CHAMPION. 25 Days. This variety won an All America Bronze Medal in 1957 probably because it produces tasty, bright red, firm fleshed radishes that hold their quality over a long season. Tops are short, the tap root thin, and the color and flavor excellent. Pkt., 25c; oz., 50c; ¼ lb., \$1.50

R-15 BURPEE WHITE. An excellent early large round white radish that holds its sweet flavor. Pkt., 25c; oz., 50c; ¼ lb., \$1.50

R-9 CHERRY BELLE. 25 Days. All America winner, 1949. A very fine short topped round red radish. We offer the originators strain. Pkt., 25c; oz., 35c; ¼ lb., \$1.00; ½ lb., \$1.75

EARLY SCARLET GLOBE SELECT. (F.) 23 Days. Vaughan's Glasshouse strain. For hotbed and greenhouse forcing, and outdoor planting. Very early, crisp, mild and tender; rich, bright scarlet in color, of uniform globe shape. It is ready for the table in 25 days. For the home, plant every 10 days until into June; again end of August.

R-11 SHORT TOP. Pkt., 15c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.55

R-10 MEDIUM TOP. Pkt., 15c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.55



R-11 RADISH SCARLET GLOBE SHORT TOP. Pkt., 15c

R-13 ICICLE. 27 Days. The finest white, which remains crisp and mild long after maturity. It matures early with short top, which permits close planting and forcing. Many of our customers say it is the finest radish they have ever grown. Plant every 10 days for succession. Pkt., 15c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.55

R-14 FRENCH BREAKFAST. (F.) 25 Days. Early olive-shape, 2 inches long, with slender tap root, deep red skin, white tip. Flesh is solid, sweet, crisp and tender, fine for the home garden. Pkt., 15c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.55

R-22 CAVALIER. 23 Days. Roots are olive shaped and bright scarlet. Tops are slightly larger than short topped Scarlet Globe and it will mature just as quickly. Pkt., 15c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.55

R-12 GIANT BUTTER. 28 Days. By far the largest of the early globe radishes. In rich soil it will produce crisp, spicy, tender roots of perfect globe shape two inches in diameter, only a week later than the smaller globe types. It is seldom found in the market and will make your friends talk. Pkt., 25c; oz., 50c; ¼ lb., \$1.50

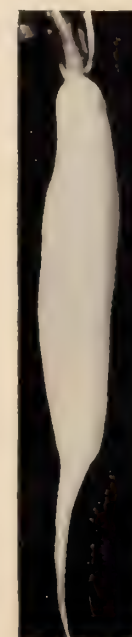


R-18 SPARKLER, SCARLET TURNIP WHITE TIP Pkt., 15c

R-7 CRIMSON GIANT. (F.) 28 Days. For forcing or outdoor planting. Although twice the size of other forcing sorts this does not get pithy or hollow; the skin is crimson, flesh is white, tender, crisp and sweet-flavored. Sow thinly. Pkt., 15c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.55

R-3 BRIGHTEST LONG SCARLET, CINCINNATI MARKET. 28 Days. A long red radish, short top. If your market uses a long sort try this one. Pkt., 15c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.55

R-18 SPARKLER, SCARLET TURNIP WHITE TIP (Sparkler). 26 Days. Vaughan's Selected Stock. This radish is a table dainty, crisp, tender and sweet; it is turnip-shaped, bright scarlet color with white tip, and is a high-class strain for outdoor planting. It combines beautiful appearance with finest radish quality—appealing to the eye and palate. Pkt., 15c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.55



R-21 WHITE STRASSBURG. 40 Days. When hot weather comes and spring varieties would turn pithy or run to seed, this variety will keep in good condition for a long time and furnish a most welcome tang to the salad course. Sow early as it matures more slowly than other radishes. Pkt., 15c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.55

WINTER RADISHES

THESE should be sown from late in June to August, to produce the final radish crop. They grow largest of all and can be stored for some time after the ground is frozen. In spite of their size they are mild and of fine texture.

Each of the following: Pkt., 25c; oz., 50c; ¼ lb., \$1.50

R-16 ROSE OR SCARLET CHINA. About 52 Days. Rose, medium size, fine keeper.

R-5 CHINESE MAMMOTH OR CELESTIAL. About 60 Days. Immense size, flesh always crisp and mild.

R-1 BLACK SPANISH, LONG. 58 Days. Black skin and white flesh.

R-2 BLACK SPANISH, ROUND. 56 Days. Like Long Black, only round.

R-13 RADISH ICICLE Pkt., 15c



SPINACH—KING OF DENMARK.
Pkt., 15c

Rhubarb

FROM SEED

RHUBARB seed is planted in the spring about the time of the last frost. Seeds should be planted about 1/4 inch apart and allowed to grow all summer. In the early spring of the next year plants can be transplanted to the final location.

- S-27 MAMMOTH.** Vigorous and productive; stalks fifteen inches long.
Pkt., 25c; oz., 85c; 1/4 lb., \$2.50
- S-26 VICTORIA.** A popular red strain.
Pkt., 25c; oz., 85c; 1/4 lb., \$2.50

FROM ROOT DIVISIONS

Set in spring they will furnish leaf stalks the following year. Order for \$3.00 or more prepaid. Add 35 cents for postage on smaller orders.

- CHIPMAN'S CANADA RED.** Stems dark red clear to heart. Makes a sweet fine flavored, beautiful red sauce. Divisions, \$1.00; 3 for \$2.75; 10 for \$7.50
- VALENTINE.** Newest and best red rhubarbs. Combines rich flavor, high quality and vigorous growth. Excellent for freezing.
Divisions, \$1.35; 3 for \$3.50; 10 for \$10.00
- VICTORIA.** 2 years.
3 for \$1.25; 10 for \$3.50



Potato Eyes for Planting

Instead of handling 100 big seed potatoes, you can plant 100 potato eyes and grow a home garden crop with no more labor than growing beans. Vaughan's sets are cut from the finest certified seed potatoes and treated with Chaogen to eliminate seed borne diseases. Plant 6 inches deep, 12 inches apart in rows 28 to 36 inches apart. Cultural instructions included. We offer the following varieties of top table quality for April or May shipment.

- S-46 DAZOC NEW SMOOTH RED POTATO.**—good cooker, quite adaptable. 100 for \$2.50 postpaid.
- S-47 WHITE COBBLER.**—pure white, nearly round, early. 100 for \$2.50 postpaid.
- S-48 CHEROKEE.**—a new variety later than the White Cobbler, resistant to blight and scab, 100 for \$2.50 postpaid.
- S-49 RED PONTIAC.**—Red skinned with resistance to drought. 100 for \$2.50 postpaid.

PROPAGATION OF PLANTS. By Kains and McQuisten. A complete guide for professional and amateur growers of plants by seeds, layers, grafting and budding, with chapters on nursery and greenhouse management. In direct, simple language it discusses all phases of the subject, explains technical and scientific terms and tells clearly the how and the why of all processes. 639 pages. \$6.00; \$6.20 postpaid.

Spinach

SPINACH demands cool, moist weather. Seed should be sown at the earliest possible moment in spring in rows one foot apart and thinned to six inches in the row. It matures in 45 to 50 days and quickly runs to seed as day lengths increase.

A fall crop of spinach may be sown in late July or August and will find the cool, moist autumn weather favorable for growth. New Zealand Spinach, however, is better sown in early spring as soon as the ground may be worked. The value of spinach in the diet has been scientifically established by the vitamin investigation.

- S-10 HYBRID SPINACH No. 7.** 42 Days. Plant upright and semi-compact in habit. Foliage dark green, medium savoyed, resistant to Blue mold and mosaic. Especially adapted for early Spring or Fall.
Pkt., 25c; oz., 50c; 1/4 lb., \$1.50.

- S-13 AMERICA.** 45 Days. All America Silver Medal, 1952. An extremely long-standing variety with Savoy type leaves, latest of this type.
Pkt., 15c; oz., 35c; 1/4 lb., \$1.00

- S-9 NOBEL GIANT VIKING.** 45 Days. The largest spinach under cultivation. It grows rapidly and remains in good condition a long time. The medium-green leaves are large, rounded, slightly crumpled, succulent and tender. It is an excellent home garden spinach.
Pkt., 15c; oz., 30c; 1/4 lb., 90c

- S-7 KING OF DENMARK (Antvorskov).** 48 Days. In our trials this variety has been slower to run to seed than any other sort. Antvorskov forms quite large tufts (or rosettes) compact and low. The numerous leaves are extra large, broad and rounded, exceedingly bushy, slightly crumpled and of a glossy dark green color. Pkt., 15c; oz., 30c; 1/4 lb., 90c

- S-6 BLOOMSDALE LONG STANDING.** 45 Days. Improvement was accomplished through the selection of bisexual plants which seed more slowly than the unisexual. This variety is of better quality than the Antvorskov (King of Denmark), having larger, Savoy type leaves.
Pkt., 15c; oz., 30c; 1/4 lb., 90c



SINGLE PLANT OF NEW ZEALAND SPINACH.
Pkt., 15c

- S-8 NEW ZEALAND SPINACH.** Tetragonia Expansa. 60 Days. While this is not a member of the Spinach family proper, it furnishes an abundance of delightful "greens" throughout the summer and right up to cold weather. Both the leaves and the stalks of the plant are very fleshy and extremely brittle and of the finest quality when cooked. Sow as soon as the garden is prepared in rows 3 feet apart and thin the plants to stand 2 feet apart in the rows. Soak the seed before sowing.
Pkt., 15c; oz., 35c; 1/4 lb., \$1.00

Swiss Chard



S-87 SWISS CHARD. Large White Rib Pkt., 15c

This vegetable gives maximum returns for little care and space; it yields a constant crop from July to Winter. The leaves are used for greens the same as spinach or beet tops. Sow early in spring in rows 16 inches apart, and thin out to 6 inches in the rows. The leaves grow very large. Cut the leaves off and new ones grow quickly. As it grows, thin out for use and keep clear of weeds.

- S-88 LUCULLUS.** About 52 Days. A Moss Curled sort. Very large leaves. A most popular variety because of its excellent flavor. Lighter green than other varieties.
Pkt., 15c; oz., 35c; 1/4 lb., \$1.00

- S-87 LARGE WHITE RIB.** (Dark Green). 55 Days. The leaf is large, smooth, dark green on a long fleshy stem, 1 to 2 inches wide.
Pkt., 15c; oz., 35c; 1/4 lb., \$1.00

- S-86 FORDHOOK.** 57 Days. This variety resembles Lucullus but is a darker green.
Pkt., 15c; oz., 35c; 1/4 lb., \$1.00

- S-90 RHUBARB CHARD.** A recent introduction having all the chard characteristics excepting mid rib.
Pkt., 25c; oz., 50c; 1/4 lb., \$1.50

- S-89 SUMMER SPINACH.** 45 Days. Similar in growth habit to Lucullus but leaves darker green and more crinkled.
Pkt., 15c; oz., 35c; 1/4 lb., \$1.00

Garden Sorrel

- S-3 BROADLEAVED.** Is boiled and served like spinach, also delicious for soups. As the hot sun tends to increase its acidity, a northern exposure is advisable. It should be sown in drills 18 inches apart. It is hardy, but should be divided every four years.
Pkt., 25c; oz., 75c

Salsify (Oyster Plant)

THOUGH not as generally grown as it should be, this is, when cooked, a really delicious vegetable, surpassing in richness of flavor both carrots and parsnips. It acquires a decided oyster flavor after a good frosting. Roots for winter use should be lifted in the fall, while those for early spring use may be left in the ground over winter.

- S-1 MAMMOTH SANDWICH ISLAND.** This variety is much more uniform in growth than the old standard "Long White" variety; it is twice the size and weight; the roots are of superior quality and flavor.
Pkt. 15c; 1/2 oz., 40c; oz., 75c



Left to right in rear: Light Green or Grey Zucchini; Black Zucchini; Prolific Straightneck; Giant Summer Crookneck, Cocozelle, Vegetable Marrow. In front, Mammoth White Bush.

Tasty Squash

GROWING popularity of squash as both summer and winter vegetable is due to the improvement in flavor, and texture of the flesh, and to the new methods in cooking, which bring the squash to the table with its taste unimpaired. For summer, bush squash and vegetable marrows are best suited to the home garden, the latter being delicious at all stages, from infancy to maturity. The new winter varieties Buttercup and Butternut, have rapidly become rivals of the older types in popularity.

Sow one inch deep, in light soil, sunny location. Space bush types 3 feet apart in row, vine types in hills six feet apart, 3 plants to hill. Use summer squash at any size, delicious in baby stage.

WINTER VARIETIES

S-40 UCONN. 75 Days. A bush type of Acorn (gold medal winner 1950 All America). Pkt., 25c; oz., 65c; $\frac{1}{4}$ lb., \$1.95

S-20 ACORN, TABLE QUEEN OR DES MOINES. 80 Days. Extremely prolific; one of the most popular for home, market garden and shipping; fruits pointed acorn shape, $5\frac{1}{2}$ inches long and 4 inches through; skin smooth, dark green; shell thin; flesh light yellow, bakes dry and sweet. Pkt., 15c; oz., 50c; $\frac{1}{4}$ lb., \$1.50

S-23 BUTTERCUP. 100 Days. A distinct, outstanding winter squash developed at the North Dakota Agricultural College, highly productive, unique, turban-shaped, fruits 6 to 8 inches in diameter. Dry and of excellent quality. Pkt., 15c; oz., 50c; $\frac{1}{4}$ lb., \$1.50

S-24 BUTTERNUT. 100 Days. A recent introduction which in addition to top quality has the very important characteristic of being resistant to stem borer. The fruit may be held until spring in a cool dry spot. Pkt., 15c; oz., 50c; $\frac{1}{4}$ lb., \$1.50

S-22 BLUE HUBBARD. 110 Days. A third larger than Improved Hubbard and more prolific. We believe that it is superior in yield, quality, size and keeping. The blue-gray shell is more attractive and many prefer it. Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.35

S-21 BANANA SQUASH. In 105 Days. Of sweet potato quality, 12 inches long, 6 inches in diameter, gray green. Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.35

S-35 IMPROVED HUBBARD. In 110 Days. Not as large as Blue Hubbard, but in shape and quality similar. Flesh is sweet and fine grained, and fruits keep well. Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.35



S-23 BUTTERCUP SQUASH. Pkt. 15c

SUMMER VARIETIES

S-39 CASERTA. 60 Days. An Italian Cocozelle type that won a Gold Medal in All America. The fruits mature almost a week earlier in much greater numbers. The fruit are delicious at the size of a banana. Pkt., 25c; oz., 65c; $\frac{1}{4}$ lb., \$1.95

S-33 BLACK ZUCCHINI. 60 Days. When matured it is 18 in. long, 5 to 7 inches in diameter and an excellent keeper, very dark green. A bushy type and very productive. There is nothing better for slicing and frying when small; if kept picked it will continue to bear fruit until frost. Delicious in the baby stage, 3 to 6 inches long. Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.35

S-34 LIGHT GREEN OR GRAY ZUCCHINI. 60 Days. Similar to Black Zucchini in all respects except that the external color is light green with faintly darker stripes. Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.35



S-22 SQUASH BLUE HUBBARD, Pkt., 15c

S-26 COCOZELLE (Italian Vegetable Marrow). Ready in about 65 Days. A bush variety. Fruits oblong, ribbed, 2 ft. in length. Color dark green with yellow and darker green stripes. Very fine flavor. Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.35

S-30 BLACK BEAUTY ZUCCHINI. 60 Days. A small bush allowing close planting along with all the best qualities of Black Zucchini make this a natural for the home gardener. Pkt., 25c; $\frac{1}{2}$ oz., 65c; $\frac{1}{4}$ lb., \$1.95

S-36 PROLIFIC STRAIGHTNECK. 55 Days. Excels in tenderness, color and productivity. Served when about 6 in. long, it is delicious. Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.35

S-32 MAMMOTH WHITE BUSH. About 60 Days. The leading white summer squash. It is an improvement on the "Early White Bush Scallop" in that fruits are quite a bit larger. Vines are extremely prolific and disease resistant. Fruit should be used when immature. Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.35

S-37 GIANT YELLOW SUMMER CROOKNECK. In about 55 Days. Our strain produces fruit, nearly double the size of the old "Crookneck." (Cucurbita Pepo.) Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.35

S-38 YELLOW SUMMER CROOKNECK. Popular for home, market garden and shipping. Fruits are 12 to 14 inches long and $3\frac{1}{2}$ inches through; neck curved, skin orange, flesh yellow, moderately warty. Pkt., 10c; oz., 45c; $\frac{1}{4}$ lb., \$1.35



T-93 TURNIP PURPLE TOP WHITE GLOBE. Pkt., 15c

Turnips

TURNIPS are cool weather plants and thrive best in Spring and Fall. For early use, seed should be sown as soon as the ground can be prepared; it will give roots large enough for the table in six to ten weeks. For the Fall crop seed should be sown June to August, and the plants will grow until freezing weather, when they should be harvested and stored.

T-93 PURPLE TOP WHITE GLOBE. 57 Days.

★ Originated from "Purple Top Flat Turnip," is extensively planted and popular for its fine qualities. The flesh is firm, fine grained, sweet and rich flavored; it is of good size, globe shaped, fine appearance, a good keeper. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c

T-92 PURPLE TOP STRAP-LEAVED. About 46 Days. A table variety, fine, tender and deliciously flavored. It is broad shaped, medium size, white flesh, fine grain, splendid quality. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c

T-88 EARLY WHITE MILAN. In 42 Days. This can be used spring or fall. The skin is smooth, snowy white, has a polished appearance; medium size, white, tender, sweet. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c

T-95 SHOGGIN. 30 Days. An extremely useful sort, it is quick growing and supplies large edible strap leaves as well as smooth globular roots of superior quality. Resistant to aphid and plant lice. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c

T-94 SEVEN TOP. 30 Days. A variety much grown in the south for the tops, which are used as greens. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c

T-89 EXTRA EARLY PURPLE TOP MILAN. About 42 Days. Standard sort for the home and market garden and for forcing. Roots are flat and tops small with strap leaves. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c

Rutabagas

Mature in 90 Days

R-31 IMPROVED AMERICAN PURPLE TOP. Is a fine strain of Purple Top. Largest size, best shaped variety, small neck, smooth skin; good cropper and keeper. A heavy yielder. Excellent table quality. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c

R-32 LAURENTIAN. A purple top globe having rich yellow flesh, one of the deepest globes and free from excess roots. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c

Home Garden Tomatoes

NO HOME garden should be without this crop, which excels in nutritive value, heavy yield for space occupied, and the many ways in which it can be served. Whether the big ones or the commercial type are preferred for a main crop, an early variety should always be grown to start the harvest.

Plants started six to eight weeks before are set out two weeks after frostproof date when all danger of kill is over. Pruned plants can be grown to stakes or once 18 inches apart; space unpruned 2 to 4 feet apart. Plants for late varieties can be grown from seed in open, preferably not transplanted.

HYBRID TOMATOES

All the hybrid varieties we offer are true F1 hybrids and have all the vigor, disease resistance and uniformity of true hybrids.

T-21 EARLY GIANT HYBRID. 68 Days. Extra large red fruit, smooth, very prolific. 5-6 tomatoes to a cluster.
Pkt. 35 seeds, 50c; ½ oz., \$7.50

-44 VAUGHAN'S EARLY HYBRID. 68 Days. VA heavy yielding, very early and large fruited variety.
Pkt., 35c; ½ oz., \$3.00

-28 VAUGHAN'S HYBRID. Midseason large flattened globe shape, fruits bright red, plants vigorous with heavy foliage. 1 pkt., 35c; ½ oz., \$3.00

-5 BURPEE'S BIG BOY. 80 Days. Large fruit, globe shape, midseason variety. Plants vigorous, dark green foliage. Averaging 8 ounces.
1 pkt. 35 seeds, 50c; ½ oz., \$7.50

LARGE TOMATOES

T-19 GIANT TREE CLIMBING TOMATO. 88 Days. The most outstanding large tomato for size and quality. Terrific vine growth and tremendous yields.
See Page 6. Packets only. 50c

-36 PONDEROSA. 88 Days. One of the best for home use, fruits deep purplish pink, extremely large, commonly 9 to 12 oz. each; deep, but flat; very fleshy with few seeds; a very mild non-acid flesh.
Pkt., 25c; ½ oz., \$1.80; oz., \$3.25

-34 OXHEART. 90 Days. Popular, late home garden variety, fruits are heart shaped, pink, flesh solid with few seeds, of mild flavor and very choice for salads.
Pkt., 25c; ½ oz., \$1.10; oz., \$2.00

-12 CRIMSON CUSHION OR BEEFSTEAK. 96 Days. Is very large, round and regular; bright scarlet skin, solid flesh of best quality, seed cells small.
Pkt., 25c; ½ oz., \$1.10; oz., \$2.00

-13 WINSALL. (Henderson) 85 days. Giant high quality variety. Fruits purplish pink, solid and meaty. Excellent for home garden.
1 pkt., 25c; ½ oz., \$1.10; oz., \$2.00

EARLY, SMALL VINES

Do Not Prune

-16 EARLY CHATHAM. 60 Days. The earliest tomato to mature fruit that we know of; fruits are small, very productive and rich red color. Exceptionally good for northern districts.
Pkt., 25c; ½ oz., \$1.10; oz., \$2.00

-7 BOUNTY. 65 Days. Compact, small vine, not to be staked. Introduced by Dr. Harold Mattson, North Dakota, Experiment Station. Excellent for the home garden, very productive.
Pkt., 15c; ½ oz., \$1.00; oz., \$1.75

14 DWARF STONE. The Largest Dwarf Tomato. 92 Days. It resembles "Dwarf Champion," but is of stronger growth and more erect, fruit bright red.
Pkt., 25c; ½ oz., \$1.10; oz., \$2.00

EARLY, LARGE VINES

-8 BREAK O'DAY. 70 Days. A variety that is nearly as early as Earliana and as productive as Marglobe. Its fruits are large, smooth, meaty, red and globular, very similar to Marglobe but usually larger. Use whole for salads or stuffed.
Pkt., 25c; ½ oz., \$1.10; oz., \$2.00

41 EARLIANA. 66 Days. Large, smooth bright red, compact with stout jointed branches; the vines yield well and the fruit is of fine quality.
Pkt., 25c; ½ oz., \$1.00; oz., \$1.75

26 JOHN BAER. About 70 Days. Only a few days later than Earliana. John Baer yields a much heavier crop of larger, more uniform and attractive red fruits. Most profitable extra early sort.
Pkt., 25c; ½ oz., \$1.00; oz., \$1.75

6 BONNY BEST. 74 Days. A shade later than John Baer. Smooth, large and uniform fruit; yields well until frost.
Pkt., 25c; ½ oz., \$1.00; oz., \$1.75

WILT RESISTANT

T-43 WILTMASER. 85 Days. A new midseason variety with outstanding resistance to wilt.
Pkt., 35c; ½ oz., \$1.10; oz., \$2.00

T-20 MANALUCIE. 88 Days. An excellent deep globe red tomato. The fruit are large and quite resistant to cracking. Resistant to early blight as well as five other common diseases.
Pkt., 35c; ½ oz., \$1.10; oz., \$2.00

T-29 QUEENS. 76 Days. New Red for 1952, bred by L. G. Schermerhorn of New Jersey Experiment Station. A cross between Rutgers and Valiant, giving early maturity to Rutgers type of fruit.
Pkt., 25c; ½ oz., \$1.00; oz., \$1.75

T-18 GARDEN STATE. 83 Days. A recent introduction growing in popularity; plants are large and highly productive, fruits bright red, smooth, globular and solid.
Pkt., 25c; ½ oz., \$1.00; oz., \$1.75

T-31 MARGLOBE. 77 Days. Second-early, red-fruited variety suitable for market or canning. Almost as early as Bonny Best, produces large, smooth, meaty, globular red fruits which ripen uniformly and are relatively free from cracks. They make a splendid canned product and first class pulp.
Pkt., 15c; ½ oz., 95c; oz., \$1.65

T-40 RUTGERS. 86 Days. A New Jersey Experiment Station cross on Marglobe. The fruit are bright scarlet and slightly more flat than Marglobe. Highly recommended as a second early variety for canning and tomato juice.
Pkt., 15c; ½ oz., 75c; oz., \$1.30



T-18 TOMATO GARDEN STATE. Pkt., 25c

T-17 FIRESTEEL. 68 Days. A small vine tomato that produces remarkably large fruits early. Varieties are smooth, red of semi-acid flavor. It will set fruit when other types are dropping their blossoms and it resists cracking.
Pkt., 25c; ½ oz., \$1.00; oz., \$1.75

T-25 RICHMEAT. (Henderson). 85 days. Large fruited variety of rich scarlet coloring, on plants of exceptional vigor. Fine for home gardens.
1 pkt., 25c; ½ oz., \$1.10; oz., \$2.00

T-23 IMPROVED NEW STONE. 86 Days. Smooth skin, small core, fine-grained flesh with little acidity.
Pkt., 20c; ½ oz., \$1.00; oz., \$1.75

YELLOW TOMATO

T-27 JUBILEE. 80 Days. Mature fruits average more than half a pound; deep orange inside and out with solid flesh and so few seeds as to make seed production a problem. It is an excellent salad variety, with mild, non-acid flavor, but not flat, and it can be canned with success, but some will consider its juice insipid. Its vines grow vigorously and can be staked and pruned.
Pkt., 25c; ½ oz., \$1.10; oz., \$2.00

SMALL FRUITED TOMATOES

T-49 TINY TIM. 45 days. The window-box tomato. This is earliest of all, bearing fruits ¼ to 1 inch in clusters. They have fine flavor and are decorative when grown in window boxes, or potted. 1 pkt., 50c

T-51 ITALIAN CANNER. 75 Days. A very productive long plum-shaped tomato. It is firm, not having any hollow parts, and the walls are exceptionally thick. Remains edible in storage two weeks after picking or frost.
Pkt., 35c; ½ oz., \$1.25; oz., \$2.25

For Pickles and Preserves. 73 Days

T-53 RED CURRANT. Very small.

T-52 RED CHERRY. Small fruit, bright scarlet.

T-56 RED PLUM. **T-57 YELLOW PEACH.**

T-59 YELLOW PLUM. **T-58 YELLOW PEAR.**

T-50 GROUND CHERRY, HUSK OR STRAWBERRY.

The small yellow fruit is enclosed in a husk. It is very sweet; prized for eating, preserving and pies.

Any of the above pkt., 25c; ½ oz., \$1.25; oz., \$2.25



T-40 TOMATO RUTGERS. Pkt., 15c

T-38 PRITCHARD. (Scarlet Topper). 76 Days. The fruit is solid, yield heavy and the color a brilliant red. It is a resistant second early of great merit.
Pkt., 15c; ½ oz., 95c; oz., \$1.65

T-47 VALIANT. 70 Days. Maturing after Earliana but before Rutgers. Valiant will yield a fine crop, averaging 7 ounces per fruit. The fruits are smooth, heavy, solid and of fine quality, with a sparse vine growth; preferable where early maturity is paramount.
Pkt., 20c; ½ oz., \$1.00; oz., \$1.75

T-22 WISCONSIN 55. 83 Days. A new, very fine red main crop variety that matures slightly ahead of Rutgers.
Pkt., 25c; ½ oz., \$1.10; oz., \$2.00

S-250 BLOSSOM SET HORMONE FOR EARLIER TOMATOES. Grow earlier, larger, meatier tomatoes. More on each plant. Easy to use Hormone spray. Stops blossom drop. Tomatoes ripen up to three weeks earlier, are larger, firmer; many are seedless. Excellent for strawberries, peppers, cucumbers, etc. 4 oz. bottle makes 1 gallon of spray, price each, 75c; postpaid 85c; pint, makes 4 gallons, price each, \$1.75, postpaid \$1.95.

S-376 BLOSSOM SET. 12 OZ. AEROSOL BOMB, ready to use, for 100 plants, each \$1.79; postpaid \$1.95.



Tobacco Seeds

START plants about 6 weeks before the last frost date in the spring in a hotbed or greenhouse. Transplant to the garden after danger of frost is over. Plant 18 inches apart in rows 30-36 inches apart.

T-3 CONNECTICUT SEED LEAF. Best adapted to northern states, a cigar variety. Pkt., 25c; ½ oz., 80c; oz., \$1.50

T-2 BURLEY. Used mainly for wrapping cigars. Pkt., 25c; ½ oz., 80c; oz., \$1.50

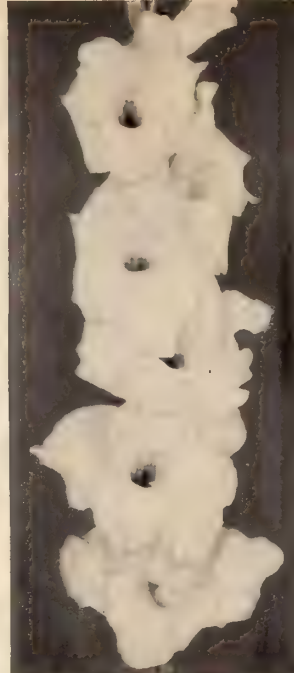
Top Ranking Gladiolus Varieties



SALMAN'S SENSATION



KING DAVID



MOTHER FISCHER



THE RAJAH

BEST OF THE NEW INTRODUCTIONS

All bulbs are prepaid at listed prices

6 bulbs take ½ dozen price

BUTTERFLY GLADIOLI

Miniature flowers of exceptionally brilliant colors, each marked with a darker color in the center. Flowers are graceful, and most popular in Holland as cut flowers. Assorted varieties and colors, 4 each of 5 varieties separately bagged and labeled, 20 bulbs, \$2.00.

GL102 BENJAMIN BRITTEN (K&M). Ex. A deep toned lavender approaching light purple. The 5-inch florets are well placed on a 6 foot spike. Early and strong grower. Doz., \$1.00; 25, \$2.10; 100, \$7.00.

GL103 COPPER LUSTRE (Pazderski). Smoky rose with dark tan interior, heavily ruffled. Doz., \$1.75; 25, \$3.25; 100, \$12.00.

GL104 BURMA (Palmer). Deep rose with wide open heavily ruffled blooms. After the first floret opens practically every bud will show color. Fine exhibition variety. Doz., \$1.00; 25, \$1.90; 100, \$7.00.

GL105 ELMER'S ROSE (Fischer). Ex. As many as 22-24 florets of a deep rose, with ruffled petals, are borne on tall spikes. Flowers have exceptional substance, and color is unmatched. Doz., \$1.00; 25, \$1.90; 100, \$7.00.

GL106 DUSK (Fischer). Old rose and salmon, large snowball-white throat. Doz., \$1.50; 25, \$2.75; 100, \$9.00.

GL107 FLORENCE NIGHTINGALE (Harris). Ex. Outstanding new white from Canada. Opens 8 well placed florets on tall straight spike. Doz., \$1.00; 25, \$2.30; 100, \$8.00.

GL108 FRIENDSHIP (Fisher). Ex. Bright true pink, blended with cream and white throat. It is a sensational propagator from small bulbs, and one of the first to bloom. Doz., \$1.00; 25, \$1.90; 100, \$7.00.

GL109 GATINEAU (Canada). Tall, solid deep orange, opens 6 to 8 large flowers at once. Doz., \$1.25; 25, \$2.25; 100, \$8.00.

GL110 GAIL (Farmington-Moses) Dec. Tall growing lavender opening 7 to 9 florets with gracefully recurved petals. Color deeper at petal edge, spike straight and florets well placed. Doz., \$1.00; 25, \$1.90; 100, \$7.00.

GL111 GOLD. (Marshall) Ex. Exceptionally vigorous and healthy variety with rich yellow coloring. The large florets are attractively ruffled, and open to the tip of the strong, straight stem. Doz., \$1.00; 25, \$1.90; 100, \$7.00.

GL112 HARRISBURGER (Mikle) Ex. Very beautiful shade of deep cherry red. Wonderful color and a good strong grower. Opens 8-10 florets on a very rugged plant. A top notch variety and a fine propagator. Doz., \$1.25; 25, \$2.25; 100, \$8.00.

GL114 HELIOS. Fine Golden yellow. Ruffled and opens well. Good strong grower. Doz., \$1.25; 25, \$2.25; 100, \$8.00.

GL115 KING DAVID (Carlson). A seedling of King Lear it has similar deep purple color with a narrow silver picotee edging around all florets. Opens 10 ruffled florets on tall, strong spikes. Doz., \$1.25; 25, \$2.25; 100, \$8.00.

GL117 LORELEI. (Howell). Glistening pure cream on tall graceful spikes, ruffled flowers, very strong grower. Doz., \$1.50; 25, \$2.75; 100, \$9.00.

GL118 MOTHER FISCHER (Fischer) Ex. Heavy ruffled white with velvety texture which opens 8 florets of perfect placement. Tall, with long flower head. A winner at flower shows. Doz., \$1.00; 25, \$1.90; 100, \$7.00.

GL119 POINSETTIA (Johnson). Clear flaming scarlet red, opens 7 flowers on strong stem. Doz., \$1.00; 25, \$1.90; 100, \$7.00.

GL120 PACTOLUS (K & M). Ex. Apricot cream with orange red blotch, opens 8 to 10 well placed florets. Of medium height but exceedingly showy. Doz., \$1.00; 25, \$1.90; 100, \$7.00.

GL121 PALETTE (Europe). Ex. Attractive variety of vermilion-red with contrasting purple-blue in throat. A vigorous grower with a fine spike. Doz., \$1.25; 25, \$1.90; 100, \$7.00.

GL122 PROSPECTOR (Leffingwell) Ex. Buff yellow with golden-lipped lower petals. Florets ruffled and round as a dollar fit neatly on the stately spikes, makes very nice spikes. Doz., \$1.25; 25, \$2.25; 100, \$8.00.

GL123 PURPLE BURMA (Boewe) Ex. A deep purple sport of that grand variety Burma, with all that variety's good qualities and some besides. It seems to grow taller and stronger and is a much better propagator than Burma. Doz., \$1.25; 25, \$2.25; 100, \$8.00.

GL124 RED RADIANCE. (Milk). 7-9.5 inch Florets, bright red, extremely prolific. \$1.00 doz., 25 for \$2.00; 100 for \$7.00.

GL125 THE RAJAH (Jack) Ex. Large and vigorous reddish purple opening 8 to 9 6-inch florets on long, strong stems. An outstanding flower in the garden or on the exhibition table. A great prize winner. Doz., \$1.25; 25, \$2.25; 100, \$8.00.

100 Large-size Bulbs of 10 Top Ranking Glads

Only \$7⁰⁰ Prepaid

Ten of each of the following ten Prize Winning varieties (100 first size Bulbs) will be sent postpaid for \$7.00.

½ Portion, 50 Bulbs \$3.60

LAKE GENEVA COLLECTION

- 10 Gold, yellow.
- 10 King David, deep purple.
- 10 Spic an' Span, pink.
- 10 Mother Fisher, white.
- 10 San Souci, scarlet.
- 10 Gatineau, orange.
- 10 Elizabeth the Queen, lavender.
- 10 Salman's Sensation, blue purple.
- 10 Friendship, bright pink.
- 10 Prospector, buff yellow.

GL126 REGINA (Palmer). Huge ruffled flowers of light orange with apricot shading. Doz., \$1.25; 25, \$2.25; 100, \$8.00.

GL127 SNOWCLAD (HARRIS) Tall growing 5-6 ft. alabaster white with cream throat. Doz., \$1.25; 25, \$2.25; 100, \$8.00.

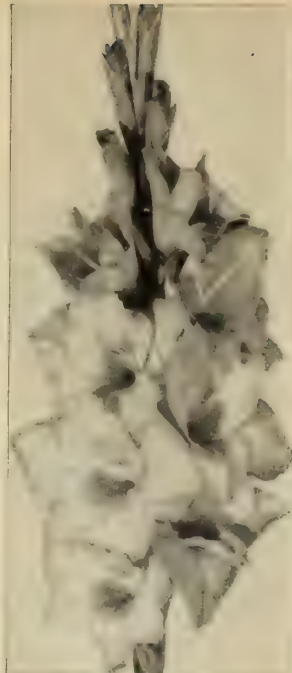
GL128 SALMAN'S SENSATION (Salman) Ex. This variety with its huge growth of up to 6 feet and 6 or more 6 inch florets open is a sensation. The largest and tallest of all the blues. Doz., \$1.50; 25, \$2.75; 100, \$9.00.

GL129 SAN SOUCI (Europe). Ex. a glowing scarlet with thin white pencil line on lower throat, it opens eight 5½ inch florets on 19 bud spike, with 7 or 8 in color. Doz., \$1.00; 25, \$1.90; 100, \$7.00.

GL130 SPARKLING EYES (Jack) Ex. Stretchy white with eye riveting violet purple blotch, opens to a ribbon of bloom. Doz., \$1.50; 25, \$2.75; 100, \$9.00.



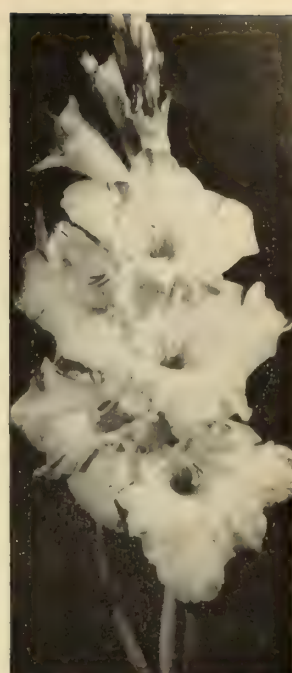
SPIC AN SPAN



RED WING



SPARKLING EYES



ELIZABETH THE QUEEN

NEW INTRODUCTIONS—Continued

GL131 SWEET SIXTEEN (Fischer). Dec. A fresh-toned pink with rounded petals which is a favorite with florists for bouquets and arrangements. A sport of Beauty's Blush, and equally strong grower. Doz., \$1.25; 25, \$2.25; 100, \$8.00.

GL132 TRAVELLER (Flad-Torrie) Ex. Light rose pink with small deeper blotch. Opens 10-12 somewhat ruffled blooms on a tall strong plant with a long flower head. Doz. \$1.50; 25, \$2.75; 100, \$9.00.

GL133 VIOLET CHARM (Jack) Ex. A soft shadowy violet with a blue throat, magnificent grower and a variety that has climbed to the top in its few short years. Doz., \$2.00; 25, \$3.75; 100, \$13.00.

To Kill Gladiolus Thrips

S155 ACME 5% DDT DUST. Controls Gladiolus Thrips, Rose Chafer, Japanese Beetle, Corn Earworm, and many other chewing sucking insects on a variety of flowers and ornamentals, etc. 1 lb. 60c, postpaid 85c; 4 lbs., \$1.35, postpaid \$1.75.

S294 ACME 50% MALATHION SPRAY. Controls Aphids, Thrips, Whiteflies, Mealybugs and Soft brown scale infesting flowers and ornamentals. Use 1½ teaspoons to a gallon of water. 1 oz. 50c, postpaid 60c; 4 oz. ea., \$1.25, postpaid \$1.40; 1 pint \$3.00, postpaid \$3.20.

General List

PINK AND ROSE

GL202 ETHEL CAVE-COLE (Cave). Ex. Pure light pink sometimes flaked. Makes a spike of 9 to 10 large, well placed blooms on a head of 20 to 24 buds. Doz., 90c; 25, \$1.70; 100, \$6.00.

BULBS SHIPPED SEPARATELY FROM SEED

Because of weather conditions we ship bulbs after March 20th, except to customers in the south or California, to whom we ship at once, packed against freezing.

GL204 PICARDY (Palmer). Ex. A most sensational flower of delicate apricot-pink. Doz., \$1.00; 25, \$2.10; 100, \$7.00.

GL205 ROSA VAN LIMA (Pfitzer). Dec. Pure self-colored light pink. Doz., 90c; 25, \$1.70; 100, \$6.00.

GL207 SPIC AN SPAN. (Carlson). Ex. Giant deep pink ruffled florets, 10 open of its 22 buds together, with all the rest showing color. It consistently makes fine spikes from any size bulb and increases rapidly. Outstanding as a commercial and show flower. Doz., 90c; 25, \$1.70; 100, \$7.00.

ORANGE

GL152 ORANGE GOLD (Marshall). Ex. Clear orange self color, opening six well placed florets on tall spike. Doz., 90c; 25, \$1.70; 100 \$6.00.

RED

GL212 VALERIA (Pruitt). Dec. Improvement on Dr. Bennett, soft red with a narrow mark of light cream in the throat. Stands heat well; never crooks. Five to seven large ruffled flowers of good substance open at one time. Doz., 90c; 25, \$1.70; 100, \$6.00.

YELLOW

GL251 GELBER HERALD (YELLOW HERALD) (Pfitzer). Dec. Amber yellow, carmine in the throat. The large wide open flowers are well placed and spaced on a strong stem. Doz., 90c; 25, \$1.70; 100, \$6.00.

GL172 SPOTLIGHT (Palmer) Ex. Deep yellow, red throat, most popular yellow today. Doz., \$1.00; 25, \$1.90; 100, \$7.00.

WHITE

GL262 LADY JANE. Cream White. Doz., 90c; 25, \$1.70; 100, \$6.00.

GL263 MARGARET BEATON (Twomey). Ex. New immense white with orange-scarlet blotch. Doz., \$1.20; 25, \$2.30; 100, \$8.00.

GL265 SNOW PRINCESS (Pfitzer). Ex. Tall white with long flower spike and many open blooms that are always perfectly placed. Mid-season. Doz., 90c; 25, \$1.70; 100, \$6.00.

GL266 WHITE GOLD (Scheer). Ex. Clear light cream shading to golden throat. 4 to 6 very large well placed blooms open at one time. Doz., 90c 25, \$1.70; 100, \$6.00.

LAVENDER

GL241 ELIZABETH THE QUEEN (White). Ex. Clean mauve with darker lines on throat; beautifully ruffled. Very fine lavender of distinction. Doz., 90c; 25, \$1.70; 100, \$6.00.

"We recommend to our customers **POPULAR GARDENING**, America's gardening magazine, filled with How-To-Do-It gardening features and pictures and **The Saturday Evening Post** a weekly magazine which is outstanding for good fiction and informative articles.

HOW to GROW ROSES by JOHN PAUL EDWARDS.

A Sunset Book which introduces the kinds of roses available and tells how to buy good plants. Gives ideas how to use roses in your garden with up-to-date, detailed information on Rose culture. 80 illustrations and photographs, 88 pages. Paper bound, priced at \$1.50; \$1.70 postpaid.

Imported Dutch Jumbo Gladioli 1 3/4-2 Inch

Clean Large Bulbs All The Same Price! Take Your Pick!

Only

\$60.00 per 1000 \$7.00 per 100
\$2.00 per 25 \$1.00 per dozen

- GD500 ACCA LAURENTIA** Orange
- GD501 AMERICAN EXPRESS** Bright Yellow
- GD502 BLOEMFONTEIN** Salmon Yellow blotch
- GD503 HAWAII** Blood red
- GD506 JOE WAGENAAR** dark red
- GD507 JOHANN STRAUSS** Light red
- GD508 LILAC WONDER** lavender
- GD509 LEEUWENHORST** Pure Pink
- GD510 MANSOER** Deep velvet red
- GD511 MERRY WIDOW** Two-tone, purple lilac with white spot
- GD512 MODERN TIMES** Carmen Purple
- GD514 PACTOLUS** Pink red blotch
- GD515 PALET** Vermillion with purple blotch
- GD518 SAN SOUCI** scarlet
- GD519 SILHOUETTE** Smoky violet
- GD520 SNOW PRINCESS** white
- GD521 SUNNY BOY** flesh pink

Vaughan's "Standard" Mixture: 50 Bulbs. First Size . . .

\$3.00

We do not send out any mixtures that will not make a brilliant showing in the gardens of our customers. This one will be found satisfactory everywhere, for mixed beds, borders and masses. These are first-size bulbs. Where wanted by mail add for postage at zone rates, 100 bulbs packed, 6 lbs.

Doz., 90c; 25, \$1.70; 100, \$6.00; 1000, \$50.00.

Summer Flowering Bulbs

All bulbs prepaid at listed prices. Six bulbs at half the dozen rate.

BB201 ACHIMENES

This is closely related to the gloxinia. Plant 6 to 7 bulbs in a 5-inch pot, or 9 to 10 in a 6-inch pot. The soil used for potting should be rich in humus and of an open, porous nature, allowing perfect drainage. A good mixture to use is equal parts of loam, leaf mold and sand. About one-third of the depth of the pots or pans should be occupied with drainage. After the young growth appears, great care should be taken to keep the soil moist, for a single severe drying will ruin the plant. Blooming time 8 to 10 weeks after planting. Mixed colors 3 for 60c; doz., \$2.00; 100, \$15.00.



ACHIMENES



DOUBLE BEGONIA



HYACINTHUS CANDICANS

BB204 ACIDANTHERA BICOLOR MURIELAE

Flowers resembling the gladiolus grow from similar bulbs or corms. The 2-inch florets are white with deep violet blotch, on 2 foot stems. Plant late in full sun 5 inches deep, 4-5 inches apart. Keep bulbs warm and dry. Bulbs, doz., 75c; 100, \$5.00.

ANEMONE (Windflower)

They succeed best in light, rich, well-drained loam.

BB206 ST. BRIGID. Flowers range from the deepest crimson to the purest white, embracing cobalt, scarlet, rose, salmon-pink, and heliotrope. Most are semi-double. $\frac{3}{8}$ — $\frac{1}{4}$ inch. Doz., 95c; 100, \$6.50; 1,000, \$55.00.



GLOXINIAS



ISMENE CALATHINA



TUBEROSES

Tuberous Begonias

Complete instructions sent with tubers.

DOUBLE CAMELLIA FLOWERED

For smaller bulbs see back cover.

Red, White, Pink, Salmon, Orange, Yellow

| | Doz. | 25 | 100 |
|----------------------|--------|--------|---------|
| BB208 1½-2 inch..... | \$2.00 | \$4.00 | \$15.00 |
| BB209 2 inch..... | 3.00 | 5.50 | 20.00 |

Carnation-Flowered

| | | | |
|-------------------------|--------|--------|---------|
| BB212 1½-2 inch..... | \$2.60 | \$5.00 | \$18.00 |
| BB213 2 inch and up.... | 4.00 | 7.50 | 27.00 |

BB215 LLOYDII OR PENDULA. Used in hanging baskets. It is an unsurpassed strain containing double flowers only. Excellent for Rock Garden Work. Doz., \$2.75; 25, \$5.00; 100, \$23.00.

BB216 MULTIFLORA HYBRIDS MIXED. In a shady place where they can be well watered these compact plants will bear double flowers of gorgeous coloring. They will blossom until killing frost. These bulbs are small by nature. Doz., \$3.00; 25, \$5.50; 100, \$20.00.

CALLA LILIES

BB218 CALLA ELLIOTTIANA. Flower rich golden yellow; foliage dark green with creamy spots. Makes a good pot plant for indoor culture. Does well outside even in full shade. Besides blooms it will act as a foliage plant all summer. Each, 35c; doz., \$3.50; 100, \$25.00.

BB220 RICHARDIAMACULATA. Spotted leaf, white flower. Can be planted out of doors after danger of frost is over. Take up in fall before freezing. Each, 35c; doz., \$3.50; 100, \$25.00.

BB222 REHMANNI SUPERBA. The rare Pink Calla Lily. Rather dwarfier and smaller flowered than the White Calla, but of alluring coloring, palest blush to pure rose. 1½ to 2 inch. Each, 35c; doz., \$3.50; per 100, \$25.00.

GLOXINIAS

These showy plants are easily grown in pots and transplanted to a garden bed, preferably in a semi-shaded place.

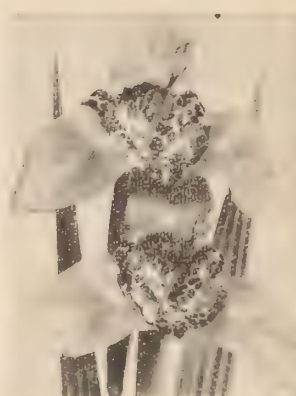
BB224 Red, White, Blue or Mixed. Red or Blue may include some white. 1½ in., Doz., \$4.00; 25, \$7.50; 100, \$27.00.

HYACINTHUS CANDICANS

BB226 SUMMER HYACINTH. Perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, 4 feet high. First size, each, 15c; doz., \$1.50, prepaid; selected size, each, 25c; doz., \$2.50, prepaid.



MONTBRETIAS



TIGRIDIA



ZEPHYRANTHES

ISMENE CALATHINA

BB228 PERUVIAN DAFFODIL. Flowers are pure white, borne three or four on a stem and are very fragrant. Not hardy. Price, each, 35c; doz., \$3.50, prepaid.

MONTBRETIAS

Montbretias are easily grown and their graceful flower-stems add much to any garden. They are highly valued for cut flowers. Our mixture contains yellow, salmon, orange and scarlet.

They do best in a light, loamy soil enriched with leaf mould and a little lime, no manure. Where the ground freezes deeply in the winter, they can be treated as gladioli. But in localities where the ground does not freeze deeply, the usual winter protection may be given, and they will multiply. Balanced Assortment.

BB230 Price, 3 for 40c; doz., \$1.50; 100, \$10.00, prepaid.

RANUNCULUS (Buttercup)

Set 3 or 4 inches apart, pressing firmly into the soil, claws downward and cover them with sand, then with soil; keep the crown of the tubers four inches under the surface. Water them well.

BB232 VICTORIA HYBRID MIXED. Far superior to any Ranunculus that we know. Flowers are double and large— $\frac{3}{8}$ — $\frac{1}{4}$ inch. Doz., 75c; 100, \$5.00; 1,000, \$45.00.

OXALIS

BB234 DEPPEI. Bright coppery red flower. Leaves like four leaf clover, bright green. Doz., \$1.75; 100, \$12.00.

TIGRIDIA

(Shell-Flower of Mexico)

Few flowers are more gorgeously colored or so beautiful. Plant in sunny positions in a flower border in well-drained soil. Put a little sand under the bulb. Can also be used in beds. They bloom from July until frost. Height, 3 ft.

BB236 Mixed colors. Price, 3 for 55c; doz., \$1.75; 100, \$12.00, prepaid.

FAIRY LILY

Zephyranthes, Zephyr Lily

One of the prettiest and most easily grown bulbs. Plant in open ground like gladiolus bulbs.

BB238 CANDIDA. Pure white and the most profuse bloomer of all. Doz., 80c; 25 for \$1.50; 100, \$5.00, prepaid.

BB240 ROSEA. Beautiful clear rose; flowers large and very handsome. 3 for 40c; doz., \$1.50; 100, \$10.00, prepaid.

All Bulbs are prepaid at listed prices. Six bulbs take ½ of Dozen price.

TUBEROSES DOUBLE

EXCELSIOR DWARF PEARL DOUBLE. Easily recognized by its exquisite fragrance and beautiful flower-spikes, which are borne on long stems, making it an admirable cut flower. If started in pots, and at the end of May moved to open ground, can be flowered much earlier.

BB250 First Size—Each, 20c; doz., \$2.00; 25 for \$3.75; prepaid.

BB252 Second Size—Price, doz., \$1.50; 25 for \$2.85; prepaid.

RESURRECTION LILY

Shipped in July

(*Lycoris Squamigera*) For Outdoor Planting

AMARYLLIS HALLII. Produces in early spring attractive green foliage which grows until May, when it ripens off and disappears, and one not familiar with its habits would think the bulb had died, but about a month later, as if by magic, the flower stalks spring from the ground to a height of two or three feet, developing an umbel of large and beautiful lily-shaped flowers three to four inches across and from eight to twelve in number, of a delicate lilac-pink shaded with clear blue.

Culture—The bulb is perfectly hardy without any protection. The proper time to plant is in the summer when the bulb is dormant. Cover the crown about four inches.

BB254 Each, 90c; doz., \$9.00.

LILY OF THE VALLEY

Lily of the Valley is one of the best ground covers for shady places in the home grounds. It spreads rapidly crowding out weeds, and the fragrant blossoms come early in the spring in great abundance.

BB256 Clumps. Each, 60c; three for \$1.50; doz., \$5.50.

LILIUM CANDIDUM

Shipment in Aug. and Sept.

Legend is rich in praises and reference to the Madonna Lily. The flowers are snow-white, with heavy yellow stamens, and of the most delightful fragrance. It is hardy and will thrive in any ordinary soil, preferring plenty of light and air. Blooms in the open ground about June 20th.

BB258 18-20 CENTIMETERS (7-8 inch circumference). Each 30c; dozen, \$3.00; 100, \$20.00.

BB260 20-22 CENTIMETERS (8-8½ inch circumference). Each, 35c; dozen, \$3.50; 100, \$25.00.

BB262 22-24 CENTIMETERS (8½-9½ inch circumference). Each, 50c; dozen, \$5.00; 100, \$35.00.

BB264 26 CENTIMETERS and over (10-11 inch circumference). Each, 75c; dozen, \$7.50; 100, \$55.00.

BB266 28 CENTIMETERS and up (11-inch circumference and up). Each, 90c; dozen, \$9.00; 100, \$70.00.



LILIUM REGALE (Royale Lily)

Loveliest Garden Lilies. **12** Pre-paid **\$3⁶⁰**

3 Each of following 4 Varieties

6 Each of following 4 Varieties, 24 bulbs, \$7.00

These are the largest and easiest lilies for the amateur to grow in average garden soil, without special treatment. In well drained locations they will live for years, flowering each summer. Planting instructions included.

BL101 LILIUM REGALE. (Royal Lily). Its large, fragrant, trumpet flowers are pure white on the inside of the petals, the outside striped with pink. It flowers early, in clusters of buds which open slowly until all are in full glory. Longest lived of all in ordinary garden soil. Large bulbs, 8-9 in. Each 35c; doz., \$4.00; 100, \$30.00.

BL102 L. RUBRUM. The white petals of this Japanese lily are curled back, and so flushed deep pink with carmine dots, that only the margins are clear white.

It grows to 4 feet and flowers may reach 6 inches in diameter. It is free from disease and lives for years in the coldest regions. Large Bulbs. 8-9 in., Each 35c; doz., \$4.00; 100, \$30.00.

BL103 LILIUM UMBELLATUM. These beautiful lilies perform like the hardiest of perennials, growing matted roots which can be divided like herbaceous plants. Their orange and crimson flowers are held upright in clusters on stems 3 feet tall. Blooming in June, they will thrive in any garden soil and multiply. 7-8 in., Each, 40c; doz., \$4.00; 100, \$35.00.

BL104 LILIUM PHILLIPINENSE. A graceful lily with grassy foliage and long, trumpet flowers of purest white, marked externally with reddish brown. Flowers are fragrant, 3 foot stems. Each 5-6 in., 35c; doz., \$3.50; 100, \$24.50.

Imported Super-Giant Amaryllis

Bulbs 3-4 inches in diameter, your choice of white, orange, red, scarlet, dark red, salmon or striped. Each \$3.00; \$35.00 per doz. prepaid.

Famous Holland Strain

Largest of flowers which can be grown indoors, and among the largest that grow in gardens, these Amaryllis can be flowered indoors in pots, or set out in the garden after danger of frost is over.

They are giants of their race, and since they are not grown from seed but from bulblets, their color is known in advance. They exactly reproduce their parent bulbs, which are grown in greenhouses in Holland and are carefully selected for vigor and beauty.

This exclusive strain is famous for outstanding beauty, clear coloring, size of flowers. They may be kept for years, and will produce their beautiful flowers annually.



GIANT AMARYLLIS, IMPORTED HOLLAND STRAIN.

Flowers are borne in clusters of three, or four which open in succession. Sometimes three clusters are matured from one bulb.

Other Garden Lilies

EASTER LILIES SEMI-HARDY

CROFT LILY. Widely used by florists for Easter flowering, this Oregon hybrid bears large pure white trumpets on sturdy stems 12 to 14 inches tall. It is suited for outdoor planting on the Pacific Coast, in southern states and elsewhere if given good winter protection. Blooms July-August.

BB268 Each, 80c; dozen, \$8.00; 100, \$60.00.

LILIUM TENUIFOLIUM

The lovely Coral Lily of Siberia. Grows 20 inches high, with finely cut foliage, slender stems and beautifully shaded coral-red flowers. Blooms very early.

BB270 3 inch and up. Each, 25c; doz., \$2.50; 100, \$17.50.

AMARYLLIS

American Grown Mixed Bulbs

These bulbs are grown from seed, and produce flowers having a wide range of colors, including red, pink and white in attractive stripes and patterns. The flowers may exceed 6-inches in diameter, and are borne in clusters, often two or three clusters in succession. The bulbs can be saved and flowered each year.

Mixed. Including many color blends.

| | Each | Doz. | 100 |
|-------------------------------------|--------|--------|---------|
| BB272 2¼-2½ in. Dia..... | \$0.35 | \$3.50 | \$25.00 |
| BB274 2½-2¾ in. Dia..... | .50 | 5.00 | 35.00 |
| BB276 2¾-3 in. Dia..... | .60 | 6.00 | 40.00 |
| BB278 3-3¼ in. and up. Dia.. | 1.00 | 10.00 | 75.00 |



FORMAL DECORATIVE



SEMI-CACTUS



STRAIGHT CACTUS

New and Standard—Large Flowering Dahlias

IN THE following we offer what we consider the best of the Foreign and American Dahlias. We will supply **Roots** of proper planting size on all varieties listed.

KEY TO ABBREVIATIONS: F.D., Formal Decorative; I.D., Informal Decorative; S.C., Semi-Cactus; Str. C., Straight Cactus; I.C., Incurved Cactus.

DH1 ARTHUR GODFREY. F.D. 12". Enormous flower of orient red with buff shadings. One of the largest of all dahlias. Each \$1.00; 3 for \$2.50.

DH2 AVALON. F.D. 10". Beautiful clear yellow. Old favorite for commercial use. Favors cold weather. Each 50c; 3 for \$1.25.

DH5 BARBAROSSA. F.D. 10". Outstanding cardinal red with crimson glow. Tall bushes, consistently good. Each \$1.00; 3 for \$2.50.

DH6 BERGER'S MASTERPIECE. C. 8". The outstanding favorite in our cactus plantings. Color is soft lavender-pink with a yellow base. Narrow incurved florets borne profusely on tall, wiry stems. Each \$1.00; 3 for \$2.50.

DH7 BLIJHEID. C. Pure bright orange, perfect forms. Each \$1.00; 3 for \$2.50.

DH10 CLARA CLEMENS. Ball. Very striking bicolor. Medium size red flowers with white tips. Excellent commercial. Each 50c; 3 for \$1.25.

DH11 COMMANDO. F.D. 10". An excellent deep lavender garden variety. Produces many flowers on tall healthy bushes. Each 75c; 3 for \$1.75.

DH16 D. DAY. F.D. 8". Solid colored true pink commercial. Medium size flowers of great abundance. Each 75c; 3 for \$1.75.

DH17 DEUIL DU ROI ALBERT. F.D. 8". The favorite florist bi-color. Flowers are violet purple with white tips. Free flowering and very striking. Each \$1.00; 3 for \$2.50.

DH22 FIVE STAR GENERAL. F.D. 10". Very large, light amaranth pink with tips of soft maize yellow. Sturdy bush with real stiff stems. Each \$1.00; 3 for \$2.50.

DH25 GALLANT FOX. F.D. 8". A leading commercial red that should be included in every dahlia planting. One of the few dahlias that can be successfully marketed in the hottest weather. Each 50c; 3 for \$1.25.

DH26 GERTRUDE BRITTEN. F.D. Excellent Garden variety bearing large flowers of bright red. Each \$1.00; 3 for \$2.50.

DH27 GOLDEN ECLIPSE. F.D. An old favorite and still hard to beat in this color. Each 75c; 3 for \$1.75.

DH30 JANE COWL. I.D. 10". Large shaggy flower of copper and gold. While not a commercial cut flower, this old favorite is still one of the most popular for garden use. Each 75c; 3 for \$1.75.

DH31 JEAN KERR. F.D. 8". The most popular white commercial cut flower. The exceptional keeping quality of the medium size flowers make them ideally suited for floral work. Each 50c; 3 for \$1.25.

DH32 JERSEY'S BEAUTY. F.D. 8". Clear pink. Truly beautiful. Each 75c; 3 for \$1.75.

Three Giant \$1 Dahlias . . .

When labels become detached from our named varieties, the **Roots** cannot be used to fill regular orders. We offer such **Roots** at this special price, insuring the purchaser of an outstanding value. Identification is usually easy when the flowers bloom.

DH38 LE TOREADOR. F.D. Medium size flat flowers of glowing deep Red on strong stems. Each 50c; 3 for \$1.25.

DH40 MADONNA. I.D. Enormous and beautiful pure white. Each \$1.00; 3 for \$2.50.

DH42 MICHIGAN WHITE. S.C. 8". Extra fine commercial variety. Many perfectly shaped white flowers borne on long, strong stems. Each \$1.00; 3 for \$2.50.

DH44 MRS. GEO. LE BOUTILLIER. F.D. 8". Rich velvety carmine, produces giant flowers on long stems. Good garden variety. Each 50c; 3 for \$1.25.

DH45 MRS. JAMES ALBIN. F.D. Soft lemon yellow, strong bush producing excellent cut flowers. Each 75c; 3 for \$1.75.

8 CHAMPION VARIETIES RAINBOW COLORS

DH11 COMMANDO. Lavender.

DH7 BLIJHEID. Orange.

DH16 D DAY. Pink.

DH17 DEUIL DU ROI ALBERT. Bicolor.

DH26 GERTRUDE BRITTEN. Red.

DH55 SCARLET LEADER. Scarlet.

DH45 MRS. JAMES ALBIN. Yellow.

DH79 WORLD EVENT. Rose.

One each of above 8 for \$3.95
(\$7.50 value)



VAUGHAN'S WILD BIRD FEEDING MIXTURES

(As recommended by the Illinois Audubon Society.)

LA140 5 lbs., \$1.00; 10 lbs., \$1.80; 20 lbs., \$3.50; 100 lbs., \$14.00

All prices prepaid within 300 miles of Chicago; otherwise collect.

DH46 MRS. I. DE VER WARNER. F.D. 10". Bright lilac rose. A must in every garden collection. Each 50c; 3 for \$1.25.

DH47 OGDEN REID. F.D. The finest, largest, pink blooming dahlia. Most dependable. Always a fine plant with huge pink blend blossoms. 10". Each \$1.00; 3 for \$2.50.

DH50 RED JERSEY. F.D. 8". Bright red. Good form, color and stem. Late. Each 50c; 3 for \$1.25.

DH51 RED AND WHITE. F.D. A consistently good bicolor. Red base with white tips. Each 75c; 3 for \$1.75.

DH55 SCARLET LEADER. C. Perfect flowers of cactus type hold their bright scarlet color in brightest sunshine. Each \$1.00; 3 for \$2.50.

DH58 RUBY TAYLOR. F.D. Ruby Red with purple shadings. Each \$1.00; 3 for \$2.50.

DH66 SILVRETTA. C. 8". Lilac salmon-rose flowers medium size but borne in great abundance. Each \$1.00; 3 for \$2.50.

DH72 THE COMMODORE. I.D. 8" Color is bright lemon yellow. Flowers held high above foliage on long, stiff stems. Very profuse. Each 50c; 3 for \$1.25.

DH75 WATCHUNG GIANT. I.D. 12". A huge yellow gold variety that is a constant performer for garden use. Fine form and substance on good stems. Each 50c; 3 for \$1.25.

DH76 WHITE KING. F.D. 8". One of the leading pure whites with perfect form and substance on good stems. Each 50c; 3 for \$1.25.

DH77 WHITE SUPERIOR. C. 8". Large pure white cactus with perfect form and excellent growth habits. Each \$1.00; 3 for \$2.50.

DH78 WHITE WONDER. I.D. A beauty for garden display with large flowers of pure white and perfect from one strong stem. Each 75c; 3 for \$1.75.

DH79 WORLD'S EVENT. I.D. 10". Large tyrian rose flowers on vigorous healthy bushes. Beautiful garden dahlia. Each 75c; 3 for \$1.75.

MINIATURE DAHLIAS

DH121 BISHOP OF LLANDORF. Attractive bright scarlet flower with bronze foliage.

DH122 BLUE EYE. Formal lavender-pink with dark center.

DH124 CORALETTE. Clear coral. Excellent cut flower.

DH128 IKE. Rich red, very profuse. Fine cut flower.

DH132 PEGGY LINDLEY. Clear golden orange on long graceful stem. Excellent keeper.

DH138 SANDRA. Red and white formal bicolor.

DH141 WHITE FAWN. Without doubt the finest decorative white variety. Extremely free flowering. Price on the above 7 varieties—Each 60c; 3 for \$1.50.

OFFER D-2. 1 each of above 7 varieties for \$3.50.



POMPON DAHLIAS

- DH101 ALBINO.** Small flowers of pure white. Free flowering.
- DH102 AMBER QUEEN.** Solid amber color. Beautiful shade. Flowers larger than average.
- DH103 CARDINAL.** Tall growing with medium size deep red flowers.
- DH104 LITTLE HERMAN.** A red and white pompon. Perfect form and shape.
- DH106 MARY MUNNS.** Fine lavender variety that is considered the very best among florists. Good producer.
- DH107 MORNING MIST.** A fine florist's variety. Color is rosy-lavender over-lay on white base.
- DH110 YELLOW GEM.** Creamy yellow and considered best in this color.
- Price on the above 7 varieties—Each 50c; 3 for \$1.25.

Offer D-1. 1 each of above 7 varieties for \$2.75.

SUDBURY SOIL TEST KITS

—Easy to Use
No Knowledge
of Chemistry
Required

The Cheapest
form of Gar-
den Insurance

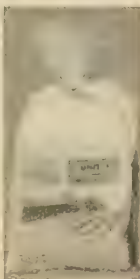
S-809 HOME GARDENER (MODEL D). A 20-test kit—Tests for nitrogen, phosphorus, potash and acidity—giving all essential information to produce maximum crops. Complete with instructions and data on plant needs. Each \$3.98; postpaid \$4.25.

S-810 POPULAR GARDEN (MODEL C). Makes 50 individual tests for nitrogen, phosphorus, potash and acidity. Cased in attractive plastic box. Complete instructions. Helpful chart shows need of lawn grasses, 75 flowers, 50 vegetables each \$6.98; postpaid \$7.30.

Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash, or acidity. When ordering the above, it requires **S-788** No. 2 and **S-789** No. 3 to make Nitrogen Tests. **S-790** No. 4 and **S-791** No. 5 for Phosphorus Tests and **S-792** No. 6 and **S-793** No. 7 to make Potash Tests, therefore when ordering, please order two numbers. **S-787** Lime; 2 oz. bottle, each \$1.35, postpaid \$1.50; 6 oz. bottle, each \$2.50; postpaid \$2.70.

SUDBURY TAILOR MADE FERTILIZER

Now you can get units of Nitrogen, Phosphorus, or Potash. Each unit in separate plastic bag. Makes it easy to add the unit in which your soil may be deficient. Each 1 lb. bag contains 40% of soluble plant food. When ordering specify the unit desired. **S-812** Nitrogen **S-813** Phosphate **S-814** Potash. Price each 79c; postpaid 90c. Three packages postpaid for \$2.25. Postpaid \$2.55.



Tropical and Hardy Water Lilies

TWO TROPICAL \$4.50 Water Lilies

(Catalog Value \$5.25)

One each **Blue Beauty** (Sky blue);
Missouri (White night bloomer).

TWO HARDY \$3.50 Water Lilies

(Catalog Value \$4.50)

One each of **Gloriosa** (Carmine rose) and
Chromatella (Canary yellow).
Two unusual and beautiful varieties sel-
dom offered in collections.

TROPICAL WATER LILIES

Set out after June 1st in vicinity of Chicago. By August 1st will be in full bloom. Must have warm water and full exposure to sun. All are day bloomers, except Missouri, Juno, Hitchcock, and Rubra Rosea.

AUGUST KOCH. Medium sized lovely lavender flowers. Free flowering. \$2.50.

FRANCES GRIFFITH. Outstanding royal purple. Best of its color. \$2.75.

MRS. W. R. JAMES. A finer pink than Pershing. Huge flowers. \$2.50.

BLUE BEAUTY. Huge sky-blue. Most vigorous. \$2.50.

MRS. GEORGE PRING. Star-shaped white flowers, free-blooming. \$2.50.

MISSOURI. Huge white flowers open at night. \$2.75.

JUNO. Huge white night bloomer. Very free and fragrant. We urge those who are not at home during the day to try night bloomers for greater enjoyment of the water garden. \$2.75.

MRS. GEORGE C. HITCHCOCK. A pure rose pink night bloomer. Free blooming and of unusual size. \$2.75.

PINK PEARL. Brightest pink of lovely form. \$2.50.

RUBRA ROSEA. Brilliant rosy carmine. \$2.25.

COLLECTIONS OF

Oxygenating and Ornamental Aquatic Plants

1. Collection for small Aquariums, \$2.50.

Italian Vallisneria
Sagittaria Natans
Elodia

Corkscrew Vallisneria
Anacharis
Water Sprite

2. Collection for medium sized, \$3.50.

Italian Vallisneria
Sagittaria Natans
Elodia
Sagittaria Subulatta
Cabomba

Corkscrew Vallisneria
Anacharis
Water Sprite
Lysmachia
Amazon Sword Plants

3. Collection for Outside Pools, \$4.50.

Italian Vallisneria
Sagittaria Natans
Elodia
Sagittaria Subulatta
Cabomba
Water Poppy
Water Lettuce

Corkscrew Vallisneria
Anacharis
Water Sprite
Lysmachia
Amazon Sword Plants
Water Ferns
Duckweed

Orders for the above three collections filled only as specified. No split orders accepted.

HARDY WATER LILIES

This group requires less heat and will bloom earlier in spring. Can be carried over winter by the amateur with some protection. While flowers are smaller, they are borne over a longer season than the Tropicals. Most satisfactory for the average gardener.

ATTRACTION. Garnet red with ruby shading. Finest red. \$3.00.

CHROMATELLA. Pure canary yellow. Very vigorous and free flowering. \$2.25.

COMANCHE. At first of rich apricot hue, it deepens to copper. Its flower is held high above the water like tropical water lilies. \$2.25.

ESCARBOUCLE. Brightest crimson and scarlet. Very striking. \$3.00.

GLORIOSA. Deep carmine rose. Free and vigorous. \$2.25.

HERMINE. A star-shaped white of clear, luminous texture. \$2.50.

JAMES BRYDON. Rosy crimson, small growth. Good for tubs. \$3.00.

PAUL HARIOT. Opens soft, clear yellow, deepens to apricot. \$2.25.

PINK OPAL. Although new, so vigorous that the price is low. Deepest pink of great beauty. \$2.00.

SIoux. Largest of the sunset tints. Opens brassy yellow, deepens to blood red. \$2.00.

SOMPTUOUS. Large double fragrant flowers of deep rosy pink with contrasting stamens of deep orange. \$2.25.

POPULAR AQUATIC PLANTS

| | |
|-----------------------|---------------|
| *Anacharis | 3 for \$1.25 |
| *Cabomba | 3 for \$1.25 |
| Corkscrew Vallisneria | Dozen, \$1.00 |
| Floating Elodia | Each, \$1.00 |
| Italian Vallisneria | Dozen, \$1.00 |
| *Water Fern | 3 for \$1.25 |
| *Water Lettuce | 3 for \$1.25 |
| *Water Poppy | 3 for \$1.25 |

*MINIMUM ORDER THREE

Add 15% to all prices for packing and prepaid delivery.



PEACE. The Most Beautiful Rose in the World

RED-CRIMSON-SCARLET

NR-1 AUDIE MURPHY. (Pat. 1558). Prized for its long tapering buds which resemble those of the famous Eclipse. They are a vivid rich crimson and slowly open into lovely blooms of iridescent red, with a velvety sheen. Good plant habit; prolific bloom, spicy fragrance, with long straight stems for cutting. T. \$2.50; 3 for \$6.75.

NR-2 AZTEC. (Pat. 1648). Here is a scarlet-orange so brilliant it fairly sizzles—deeper, richer and more scarlet than any you have ever seen! This spectacular new creation not only has fine buds and eye-catching blooms but they are near Rose perfection and are borne freely on a vigorous well-foliaged plant. M. \$2.50; 3 for \$7.50.

NR-4 CHARLOTTE ARMSTRONG. AARS 1941. (Pat. 458). An amazingly beautiful rose with long, slender blood-red buds which open into magnificent, brilliantly colored flowers, spectrum-red in cool weather, cerise in hot weather. Blooms are on long stems and are very lasting when cut. MT. \$2.25.

NR-5 CHRISTOPHER STONE. One of the finest red roses. All season the plants produce quantities of brilliant, glowing, velvety scarlet blooms of good form and delicious old rose fragrance. ML. \$1.50.

NR-6 CHRYSLER IMPERIAL. AARS. 1953. (Pat. 1167). A magnificent rose which we believe will head the list of all red roses for many years. Its vivid, iridescent shades of crimson are enhanced by darker overtones of glowing oxblood red, and the gem-like lustre of garnet, yet attain a brilliance unsurpassed in light. Long, tapering buds unfold even in adverse weather to large, high centered flowers measuring 4½ to 5 inches with 40 to 50 petals. Flowers last up to one week when cut; and they have all you could ask for in fragrance. M. \$2.50; 3 for \$6.75.

NR-8 CRIMSON GLORY. The highest rated red rose to-day. It gives a quantity of fine blooms all summer and fall. Its large, urn-shaped buds open to deliciously fragrant flowers of intense, deep vivid crimson. Vigorous, bushy grower. M. \$1.65.

NR-23 MIDNIGHT. (Pat. 1542). Beautiful color, darkest of the black reds. The plant is vigorous, has glossy foliage, and produces perfect slender buds opening to graceful 4 inch blooms with a delicious spicy fragrance. MT. \$2.75; 3 for \$7.50.

NR-24 MIRANDY. AARS. 1945 (Pat. 632). The large, long pointed, ovoid buds, are a deep rich dark red with black shadings, opening to a gorgeous chrysanthemum-red. The huge 50-petaled flowers are long lasting and have a wonderful fragrance. MT. \$2.25; 3 for \$5.25.

NR-26 NEW YORKER. (Pat. 823). A brilliant red rose that stays red, clear and sparkling, until the last petals fall. Flowers are fragrant, beautifully formed, and of tremendous size, often 6½ inches across. T. \$2.50; 3 for \$5.75.

NR-27 NIGGER BOY. This rose is continuously in bloom, and produces quantities of beautiful, dark crimson flowers, that look like a miniature Crimson Glory. M. \$1.50; 3 for \$4.25.

AARS. These are Roses selected by the Rose Council after two-year tests in 25 Official All-America Rose Selections Test Gardens. Only a Rose that is almost perfect and gives A-1 results in all parts of the country can pass their rigid tests. When you get an AARS variety you get the best.

Everblooming Hybrid Tea Roses

OUR SELECTION TOP 10 AARS HYBRID TEA ROSES

SPECIAL OFFER NR809. One each of the following All-America Winners: Charlotte Armstrong, Chrysler Imperial, Forty-Niner, Helen Traubel, Mirandy, Mojave, Peace, Sutter's Gold, Tiffany and White Knight, (Value \$25.00), for \$22.50 Postpaid.

The Hybrid Tea Roses bear their glorious blooms profusely from June until late fall. In severe winter climates they need proper winter protection.

PINK-SALMON-ROSE

NR-9 CURLY PINK (Sub-Zero). (Pat. 842). You will love this rose for it is one of the finest of all pinks. We know of no other variety that can match it in the combination of size and form of bloom, beauty of cluster; constancy, vigor and fragrance. When established, many large, very double, two-toned, rich rose-pink blossoms, form a gorgeous bouquet on a single stem. An extra hardy variety. T. \$2.25.

NR-7 COUNTESS VANDAL. The exquisite, long tapering buds of coppery orange open to artistic blooms of coppery pink lighted with salmon. It is widely used for cutting and exhibition. Fragrant. M. \$1.65; 3 for \$4.50.

NR-15 HELEN TRAUBEL. AARS 1952. (Pat. 1028). A magnificent rose of sparkling pink to luminous apricot that everyone is singing about. It's an ideal rose for cutting with buds which are unusually large, long and tapered, and which open into big petaled blooms often 6 in. across, borne singly at the end of long stems. Spicy fragrance. T. \$2.75; 3 for \$7.50.

NR-22 MICHELE MEILLAND. One of our favorite roses. The color is a lovely soft flesh pink, often tinted orchid, with salmon center. Sometimes it has a luscious peaches and cream coloring. Buds are of exhibition type. When opening they have the most beautiful form you have ever seen. Strong upright growing plants which bloom so profusely it is amazing. M. \$2.50; 3 for \$5.75.

NR-31 PINK FAVORITE. (Pat. 1523). A truly great rose that will amaze you with its performance both in the garden and in the show room. The long pointed crimson buds are of the best exhibition form and open to large blooms of rich rose-pink, deeper on the outside. The abundant glossy foliage is a new type, very beautiful and disease resistant. Profuse continuous bloom on an upright, bushy compact plant. T. \$2.50.

PINK PEACE. See in color on page 12.

NR-38 THE DOCTOR. One of the truly lovely pink roses. The buds are long and pointed and expand to enormous blooms of beautiful, glowing rosy pink. It is long lasting when cut and we think it is the most fragrant of all pink roses. M. \$1.65; 3 for \$4.50.

NR-39 TIFFANY AARS 1955. (Pat. 1304). This All-American Winner is near perfect and it blooms continually. Its long pointed buds, on strong erect stems, open into large, radiantly beautiful blooms of warm clear pink with a heart of gold. They have exceptional lasting qualities and fragrance. T. \$2.50.

FOUR OF THE WORLD'S MOST BEAUTIFUL ROSES

SPECIAL OFFER No. N809: One each of Chrysler Imperial, Helen Traubel, Peace and White Knight (value \$10.75) for \$9.75 postpaid.

YELLOW-GOLD

NR-10 ECLIPSE. This rose is famous for its exceptionally long, streamlined buds, often exceeding two inches in length, of unchanging brilliant golden yellow, on long cutting stems. A prolific bloomer which grows well everywhere and is a consistent blue ribbon winner at flower shows. M. \$1.65.

NR-14 GOLDEN MASTERPIECE. (Pat. 1284). Enormous, fragrant, golden yellow flowers with high centers. Glossy foliage on a strong plant. Said to be the world's largest yellow rose. T. \$3.00.

GOLDEN WINGS. See in color on page 14.

LADY ELGIN. See in color on page 13.

NR-20 LOWELL THOMAS. AARS 1944 (Pat. 595). Large, beautiful buds open into perfectly formed, high centered, lasting flowers of rich, golden yellow. Vigorous bushy plants. M. \$2.25; 3 for \$6.25.

NR-30 PEACE. AARS 1946 (Patent 591). Peace is a beautiful creation, distinguished by the changing colors through which it passes—canary yellow, pale gold, cream and ivory, cerise, rose and apple-blossom pink. Huge yellow buds, edged with cerise, open to great peony-like blooms, often 5 to 6 inches in diameter, which change to creamy yellow with a delicate flush of pink, deepening as the flower slowly opens. Blooms are produced singly all season on strong and straight stems and they last an unbelievably long time. The plant is as superior as the bloom, hardy and vigorous, with shining holly-like foliage. Mild fragrance. T. Each \$2.50; 3 for \$6.75.

NR-36 SUTTER'S GOLD. AARS 1950 (Pat. 885). Long, pointed, bright yellow buds, richly shaded with orange and red, open to high centered flowers of rich orange-gold, shading down to various yellows. Produces great quantities of buds all season. Delightful tea fragrance. T. \$2.25; 3 for \$6.25.

SEE PAGES 1, 12, 13 AND 14 FOR OTHER EVERBLOOMING ROSES

BI-COLORS—BLENDS

CARELESS LOVE. (Pat. 1582). See in color on page 13.

NR-11 FORTY-NINER. AARS 1949 (Pat. 792). A brilliant bi-color. Its colors do not fade, but hold until the last petal drops. Its long, pointed buds open into well-shaped flowers of 30 to 40 petals, rich yellow outside and dazzling red inside. M. \$2.25.

KORDES PERFECTA. See in color on page 12.

NR-19 LOVE SONG. (Pat. 1360). This exciting big rose is a descendant of "Peace" and it has all the good qualities of that famous rose. It is a bicolor of rich salmon-pink with brilliant yellow on the lower third of the petals and a lighter yellow reverse. Very large blooms 4½ to 5 in. or more and very double, with up to 50 petals. M. \$2.50; 3 for \$6.75.

NR-25 MOJAVE. AARS 1954 (Pat. 1176). The finest orange colored rose today. Lots of beautifully tapered buds open to big, pleasantly fragrant, richly colored blooms of glowing orange shot with flame-like tones of scarlet and vermillion. Extremely vigorous. T. \$2.75; 3 for \$7.50.

NR-34 PRESIDENT HERBERT HOOVER. Its deep copper-red buds open slowly to a wonderful blend of cerise-pink and rich cream veined with scarlet. Superb buds; large flowers, lasting well. T. \$1.50.

NR-37 TALISMAN. A remarkable blending of gold, apricot, yellow, deep pink, and old rose. The rose of many Gold Medals; popular for cutting. T. \$1.50.

NR-33 TWILIGHT. (Pat. 1434). An attractive novelty in a lovely new pastel tint of lavender-lilac with a silvery reverse. The pointed buds come on single stems and slowly open to high centered flowers, perfect for cutting and arrangements. Because of its unusual color, it is an excellent garden conversation piece. L. \$2.75; 3 for \$7.50.

WHITE

NR-12 FRAU KARL DRUSCHKI. (White American Beauty). (Hybrid Perpetual). Pure white, long, immense buds; double flowers. Grows taller and more bushy than the Hybrid Teas. \$1.50; 3 for \$4.25.

NR-21 MCGREDY'S IVORY. Often called the perfect white rose. Its long pointed, perfectly-shaped, ivory-white buds open into magnificent blooms of breath-taking loveliness. Moderately fragrant. A show winner. M. \$1.50; 3 for \$4.25.

NR-40 WHITE KNIGHT. AARS 1958. (Pat. 1359). The only white hybrid tea rose ever to win the All-America award. The buds are perfectly pointed, elegant and aristocratic in form. They open to a magnificent, satiny pure white rose, 5 inches across, that does not fade or "ball" in bad weather, but stays white until the last petals drop. It blooms freely and continuously on long strong stems, excellent for cutting. The plant grows upright, is hardy and has disease-resistant foliage. T. \$3.00; 3 for \$8.25.

NR-41 WHITE SWAN. (Pat. 1115). Long-pointed buds of alabaster-white open slowly to elegant, high centered flowers of dazzling pure white, up to 4 in. across. Excellent exhibition variety. M. \$2.50.

SPECIAL OFFER JN809—6 ALL-TIME FAVORITES. One each of Christopher Stone, Countess Vandal, Crimson Glory, Eclipse, McGredy's Ivory and The Doctor (value \$9.60) for \$8.35 Postpaid.



CRIMSON GLORY
The highest rated red Rose.

Everblooming Floribundas

These Roses are among the hardiest and most continuous blooming hybrids offered, giving a spectacular and permanent display from June until frost. Their flowers are borne in clusters which are very showy in the garden and provide excellent bouquets. Wonderful for planting in groups in the border, for bedding, for foundations or for everblooming hedges. A dozen plants should give you hundreds of blooms this summer.

RED-CRIMSON-SCARLET

NR-53 FRENESHAM. An English Gold Medal Winner that is "going to town" in America, and no wonder, for one of its parents is Crimson Glory, highest rated of all red roses. It is the perfect red floribunda with exquisite buds and beautiful color. Robust healthy plants, 3 ft. high and about as wide, loaded all season with large trusses of semi-double flowers. Slightly fragrant. MT. Each, \$1.65; 3 for \$4.50.

NR-55 FUSILIER. AARS 1958. (Pat. 1709). Deep red buds open into brilliant flaming orange-scarlet flowers. They are fully double, with up to 40 petals, frilled and ruffled. They are borne in heavy clusters on full bushy plants with heavy lustrous dark green leaves. Fragrant, floriferous and continuous blooming. M. \$2.50; 3 for \$6.75.

NR-56 GARNETTE (RED SWEETHEART). The petite flowers are a deep garnet red and they are as beautiful in the garden as they are in the florists' shop where they are used so much for corsages. They are borne in clusters of from 15 to 20 and have extremely long lasting qualities both on the bush and when cut. The compact plants are enhanced with masses of crinkled, holly-like foliage. M. \$1.75; 3 for \$5.00.

NR-64 RED PINOCCHIO (Pat 812). There are many excellent red Floribunda roses, but this one is the highest rated of all by the American Rose Society. It is a prolific producer of big, double 3½ inch blooms in large, long lasting, unfading clusters. The color is that deep, velvet-red with black shadings that is a favorite with everyone. It really blooms and puts on a better show than any other variety in our garden. M. \$1.75; 3 for \$5.00.

NR-66 SPARTAN (Pat. 1357). Gorgeous burnt orange buds slowly open to huge, high centered blooms with 35 to 40 petals of sparkling warm orange-red color softening to reddish coral; sweet old rose fragrance. Flowers are produced constantly from early spring until frost, both in large clusters and singly on vigorous robust plants. Foliage is a rich dark green and one of the toughest and most disease resistant of any rose. M. \$2.75; 3 for \$7.50.

NR-67 VOGUE. AARS 1952. (Pat. 926). This winner of 5 International Awards is outstanding in beauty and no other rose has quite its color, a vivid cherry coral. The beautifully formed buds open to perfect, high centered 3 to 4 inch blooms with a spicy fragrance. M. \$2.00; 3 for \$5.50.

NR-69 WORLD'S FAIR. Large clusters of velvety, black-scarlet flowers, nearly 4 inches across in greatest profusion; spicy fragrance. Has all the virtues and beauty of a good rose. M. \$1.65; 3 for \$4.50.

4 ALL-AMERICA WINNERS

OFFER LN819: One each of Fusilier, Gold Cup, Jiminy Cricket and White Boquet (value \$9.50) for \$8.45.

TREE ROSES

"The Crowning Glory of any Garden"



Standard or Tree-shaped Roses are grown by budding the desired variety into a tall straight stalk at a height of 3 ft. The bushy head usually produces more flowers and larger ones than the bush type of the same variety. We offer the following: **NR-88 Chrysler Imperial**, **NR-89 Circus**, **NR-90 Crimson Glory**, **NR-91 Helen Traubel**, **NR-92 Peace** or **NR-93 Queen Elizabeth**. Each \$7.50, 2 for \$14.00. (Shipped express charges collect.)

PINK-SALMON-ROSE

NR-52 ELSE POULSEN. Semi-double, lasting bright rose-pink flowers of medium size in clusters on bushy, erect growing plants. Very showy. T. \$1.50; 3 for \$4.25.

NR-63 PINOCCHIO. (Pat. 484). Extremely hardy, very easy to grow. Great clusters of exquisite pointed buds of rich salmon pink, flushed gold at the base; open flowers like miniature hybrid teas. M. \$1.75; 3 for \$5.00.

NR-65 ROSE ELFE. Unusually beautiful, silvery rose-pink flowers of gardenia-like form. They are very double, about 2½ inches across, and are produced freely all summer. M. \$1.65; 3 for \$4.50.

SPECIAL OFFER No. KNE19. One each of Else Poulsen, Frensham, Rose Elfe and World's Fair, all high rated varieties by the American Rose Society, (value \$6.45) for \$5.35.

BLENDS

NR-54 FASHION. AARS 1952. (Pat. 789). A new color coral-pink, overlaid with gold, which changes to clear coral then deepens to reddish tones at the finishing stage. Pointed, Oriental red buds open gradually into lovely miniature Hybrid Teas up to 3½ inches across. Fragrant. M. \$2.00; 3 for \$5.50.

NR-60 JIMINY CRICKET AARS 1955. (Pat. 1346). Exquisite buds of tangerine-red open to coral orange and finish to coral pink. It is fragrant with a true rose scent. Plant is hardy, vigorous growing, with glossy bronze turning to green foliage. MT. \$2.00; 3 for \$5.50.

LAVENDER GIRL. See in color inside front cover.

LITTLE DARLING. See in color inside front cover.

YELLOW

NR-51 CIRCUS. AARS 1956. (Pat. 1382). This flower's bright yellow and orange buds open to ever-changing tones of yellow, orange, cream, apple pink and bright red. All these hues of color magic are displayed together. Urn-shaped buds open to high centered blooms that are fragrant and very long lasting. Compact plants; handsome foliage. M. \$2.50; 3 for \$6.75.

NR-57 GOLD CUP. AARS 1958. (Pat. 1683). Its flowers are 3 to 3½ inches across, beautifully shaped and sweetly fragrant. The color is a deep, rich gold that does not fade. Plants grow bushy, and are never without flowers, producing hundreds from June until frost. Hardy, vigorous, disease resistant, with ornamental glossy foliage, this is a prize winner you will want. M. \$2.50; 3 for \$6.75.

NR-58 GOLDLOCKS. (Pat. 672). Very double, bright golden yellow flowers, in heavy clusters. Wild rose fragrance. L. \$1.75; 3 for \$5.00.

WHITE

NR-68 WHITE BOQUET. AARS 1957. (Pat. 1415). This beautiful rose has sparkling white flowers of hybrid tea size, up to 5 inches, displayed against lustrous dark green foliage. The masses of light cream color buds slowly open into pure white gardenia-like flowers with a sweet spicy fragrance. ML. \$2.50.

IVORY FASHION. See in color inside front cover.

Good Growing Tips

As soon as received, soak the roots of Roses in a pail of water for 24 hours. Experiments at the University of Minn. show they will give more bloom if soaked. Then, when pruned and planted, hill them up with 3 or 4 inches of moist soil. This keeps the wind from drying the plants and helps them to leaf out more quickly. Remove soil gradually as plants begin growing.

Dust or Spray Regularly with "VAUGHAN'S ROSE AND PLANT DUST" (see page 4) and you will have few, if any, rose troubles. Fertilize with "VAUGHAN'S GROGANIC ROSE FOOD" (see page 86).

POLYANTHA ROSES

These Roses are everblooming, hardy and have large flower clusters like the Floribundas, but the individual flowers are smaller and the plants are more dwarf.

NR-81 MARGO KOSTER. Very dwarf bushy plant with clusters of unusual globe-shaped flowers of vivid orange, flushed coral-pink. L. \$1.65; 3 for \$4.50.

NR-82 THE FAIRY. This is probably the most prolific blooming of all roses producing hundreds of small, sweet seashell-pink flowers in sprays throughout the season. The sturdy spreading bush hugs the ground and grows about 3 ft. tall and just as broad. It is densely covered with tiny shining boxwood like foliage and needs no spraying. Perfect for a ground cover, hedge or wherever an everblooming, hardy foolproof plant is needed. M. \$1.65; 3 for \$4.50.



The Popular Floribunda Rose Fashion

MINIATURE ROSES

These are hardy everblooming roses growing only 6 to 8 inches high. We offer 3 inch potted plants. Ready for shipment after April 1st.

NR-85 BABY GOLDSTAR. (Pat. 407). An enchanting golden yellow of perfect form with light tea fragrance. Plant and flowers a little larger than the other miniatures. \$1.35; 3 for \$3.50.

NR-86 RED IMP. (Pat. 1032). Very double, deep rich crimson that is startling in its brightness. \$1.35; 3 for \$3.50.

NR-87 SWEET FAIRY. (Pat. 748). Dainty, deep pink buds open to very double 1-inch blooms of apple blossom pink. True rose fragrance. \$1.35; 3 for \$3.50.

SPECIAL OFFER No. MN819. One each of the above 3 Miniature Roses (value \$4.05) for \$3.50.

EXTRA HARDY RUGOSA ROSES

Everblooming, shrub-like roses, growing 5 to 6 ft. tall. Price: 2 yr. \$1.65; 3 for \$4.50.

NR-94 F. J. GROOTENDORST. The flowers are bright red, beautifully fringed, and produced in clusters. It blooms from early summer to frost.

NR-95 HANSA. Double, reddish-violet flowers of large size, freely produced. Very sweet scented.

NR-96 PINK GROOTENDORST. Clusters of small, fringed, light pink carnation-like flowers. Ever-blooming.

All plants listed are dormant. Northern grown 2 yr. No. 1 grade. Roses should be planted as early as soil conditions permit.

The letter following the descriptions indicates the relative height: L. means low, M. means medium and T. tall.

We suggest that you order early. Should we be sold out of a variety you order, we will send another variety of the same color, and of equal or greater value, unless requested not to do so.

DELIVERY: All rose orders are shipped separately from Western Springs, Ill. Rose orders (except Tree Roses) which total \$5.00 and over for shipment to one address will be delivered prepaid in the U.S. With orders for less than \$5.00, add 50c for postage and handling. (No Roses are shipped C.O.D.). Roses are available in Spring only.

GOLDEN ROSE OF CHINA

NR-97 ROSA HUGONIS. 6-8 ft. Excellent hardy rose that makes a spectacular show when its long arching branches are thickly set with lovely single, yellow flowers in May. 2 yr., \$1.65 each; 3 for \$4.50.

ROSE HARRISON'S YELLOW

NR-98 This is the rose of olden times, growing 4 to 5 ft. tall. Its semi-double, deep golden yellow flowers make a spectacular display in June. 2 yr., \$1.65; 3 for \$4.50.



WINTERCREEPER (*Euonymus Vegetus*)

BITTERSWEET (*Celastrus Scandens*)

NV-6 A native climbing or twining plant with handsome large leaves; yellow flowers in May and June and clusters of ornamental orange-capsuled fruit in autumn. Succeeds well in shade. We recommend planting 2 or more in a group. 2 yr., \$1.25; 3 for \$2.75; 10, \$8.00.

LARGE-FLOWERING CLEMATIS

- NV-9 ERNEST MARKHAM.** Large, glowing petunia-red with a velvety sheen. Strong grower. \$2.00.
- NV-10 JACKMANI.** This variety, with its strong, healthy growth, hardy nature and rich, deep velvety purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion. \$1.75.
- NV-11 LANUGINOSA CANDIDA.** Giant pure white flowers produced in summer and autumn. \$1.75.
- NV-13 RAMONA.** Large silken flowers of clear sky-blue. \$1.75.
- NV-26 GOLD MEDAL COLLECTION.** One each Ernest Markham, Jackmani and Lanuginosa Candida. 2 year, for \$4.65 (value \$5.50).

THREE FINE NEW CLEMATIS

- NV-7 COMTESSE de BOUCHAUD.** Rosy-lilac with lighter midrib. Lovely, delicate variety. \$2.00.
- NV-8 CRIMSON STAR.** True rich red possessing all the qualities of Jackmani. Great vigor and profuse bloomer. \$2.25.
- NV-12 LORD NEVILLE.** Very dark, velvety blue-purple. Exquisite in color, with petals rich in texture. Has a long blooming season. \$2.00.
- NV-27 DELUXE COLLECTION.** One each of Comtesse de Bouchaud, Crimson Star and Lord Neville value \$6.25 for \$5.55.

SWEET AUTUMN CLEMATIS

- NV-14 CLEMATIS PANICULATA.** The flowers are pure white, deliciously fragrant and produced with the greatest freedom in September. The most popular of all the small flowered vines. 2 yr., \$1.35; 3 for \$3.60.

CREEPER (*Ampelopsis*)

- NV-2 BOSTON IVY (*A. TRICUSPIDATA* OR *VEITCHII*).** The best known and most popular of climbing plants. Its glossy, ivy leaves overlap each other, and its long delicate young shoots stretch up with free and rapid growth. Valuable for wall coverings, tree trunks, etc. 2 year \$1.25; 3 for \$3.00; 10 for \$8.50.
- NV-1 ENGELMAN'S CREEPER (*A. ENGELMANI*).** One of the hardest and quickest growing climbers. Leaves color beautifully in the fall. Has a tendency to cling to brick or stucco. 2 yr., \$1.10; 3, \$2.55; 10, \$7.50.

DUTCHMAN'S PIPE

- NV-3 ARISTOLOCHIA SIPHO.** A vigorous growing climber, bearing striking brownish colored flowers, resembling a miniature pipe in shape. Its large, dark green heart-shaped leaves give a tropical foliage effect and produce a splendid shade. It thrives in sun or shade. 1 yr., grafted, pot-grown, \$2.00; 3 for \$5.75.

HARDY ENGLISH IVY

- NV-15 HEDERA HELIX BALTICA.** A graceful evergreen vine that has dark green foliage and is identical in habit with the well-known English ivy, except that it is hardy and has smaller leaves. Succeeds well in shady places and makes an excellent ground cover: 2 1/4 in. pots, 3 for \$2.00; 10, \$6.50; 100, \$40.00.

Hardy Climbing Vines

DELIVERY

All orders for items on this page are shipped separately from Western Springs, Ill. Except where specified otherwise, orders which total \$5.00 and over for shipment to one address will be delivered prepaid in the U.S. With orders for less than \$5.00, add 50c for postage and handling. (No plants are shipped C.O.D.).

HONEYSUCKLE (*Lonicera*)

- NV-18 EVERBLOOMING HONEYSUCKLE (*LONICERA HECKROTTI*).** Remarkable for large size of its flowers, crimson-carmine without and golden apricot inside. They are very beautiful and fragrant and are in bloom from the middle of June until the coming of frost. 2 yr., \$1.35; 3 for \$3.60.

- NV-19 HALL'S HONEYSUCKLE (*L. JAPONICA HALLEANA*).** One of the finest of all vines. Almost evergreen, with very fragrant, pure white flowers, changing to yellow, in late summer and fall. It will thrive in sun or shade and aside from being an excellent climber, it is often used as a ground cover on banks to prevent soil washing. 2 yr., \$1.00; 3 for \$2.25.

CLIMBING HYDRANGEA

- NV-17 HYDRANGEA PETIOLARIS.** A worth while hardy climber with white, four-petaled flowers in 6 to 8 inch loose clusters in July. Will cling to brick or stone walls. Slow growing when young, but once established, makes a rapid growth. Grows best on north or east sides of buildings. Strong pot-grown plants, \$2.50; 3, \$6.75.

KUDZU

- NV-22 JACK-AND-THE-BEAN-STALK VINE.** The most remarkable climber extant. In rich soil will grow 70 feet in one season. Starts into growth slowly, but after three or four weeks grows almost beyond belief. Leaves in shape like Lima Bean; dark green; texture soft and wooly. Fine for porches, arbors, old trees, etc. \$1.00; 3 for \$2.25; 10, \$5.00.

SILVER LACE VINE

- NV-20 POLYGONUM AUBERTI.** Of strong, vigorous growth, attaining a height of 25 feet or more, producing through the summer and fall great foamy sprays of white flowers that turn rose-colored as they begin to fade, and the combination of white and rose makes an exceedingly pretty picture. 2 yr., \$1.50.

DWARF LACE PLANT

- NV-21 POLYGONUM REYNOUTRIA.** A new ground cover plant, growing 4 to 8 inches tall, that does best in full sun. Very hardy and grows quite rapidly from underground runners. The pale green foliage turns brilliant red in fall. Fleecy-like pink sprays of flowers, not unlike the Silver Lace Vine, are produced in September. Plant 18 inches apart. Each \$1.10; 3, \$2.35; 10, \$6.50.

TRUMPET CREEPER

- NV-5 BIGNONIA RADICANS.** A robust, tall climber with great leathery trumpet-shaped flowers of brilliant orange-scarlet which last a long time in the summer. Useful wherever a showy flowering vine is desired. Will cling to wood. 2 yr., \$1.10; 3 for \$2.40.
- NV-4 BIGNONIA MME. GALEN.** A more dwarf form of the above with immense flower clusters, often exceeding 15 inches in length. 2 yr., grafted, \$2.00.

WINTERCREEPER (*Euonymus*)

- NS-17 PURPLELEAF WINTER CREEPER (*E. RADICANS COLORATA*).** Named for its winter foliage. Plant an excellent ground cover; glossy green in summer. 2 1/2 in. pots, \$1.25; 3, \$3.00; 10 for \$9.00.
- NS-18 BIGLEAF W. or EVERGREEN BITTERSWEET (*E. RAD. VEGETUS*).** Evergreen trailer with round, thick leathery leaves; gorgeous orange berries in winter. Very hardy; does well in sun or shade. Handsome among evergreens or as a ground cover or will climb on brick or stone. Illustrated. Strong pot-grown plants, 10 to 15 in., \$1.75.

WISTARIA

- NV-25 CHINESE WISTARIA (*Wistaria Sinensis*).** Violet-blue flowers in pendulous clusters. No. 1 grafted. \$1.75; 3 for \$4.80.
- NV-23 PINK WISTARIA (*Wistaria Multijuga Rosea*).** Queen of the wistarias. Long full clusters. No. 1 grafted. \$2.00; 3 for \$5.85.
- NV-24 WHITE CHINESE WISTARIA (*Wistaria Sinensis Alba*).** Pure white, very fragrant. No. 1 grafted \$1.75; 3 for \$4.80.



HONEYSUCKLE (*Lonicera*)

Fruits and Small Fruits HYBRID BLUEBERRIES

- NF-7 HIGHLY ORNAMENTAL PLANTS—DELICIOUS FRUITS.** 3 to 5 ft. Beautiful all year. The foliage is a deep, rich green in summer, turning to a beautiful crimson in fall, and all winter the twigs are bright red. Excellent for planting with Evergreens or Broadleaved Evergreens, as they require an acid soil. Large clusters of beautiful blue fruits, plump, meaty, tender and practically seedless. Flowers are not self-fertile and therefore we sell only in units of 3 different varieties, 3-year clumps, packed in peat. 3 for \$5.50; 6 for \$10.40.

GRAPES

- Price, 2 yr. No. 1 each, 85c, 3 of one kind for \$1.95; 10 for \$5.25.
- NF-8 CACO (Red).** Large sweet.
- NF-9 CONCORD (Blue).** Best blue.
- NF-10 FREDONIA (Black).** Leading early.
- NF-11 PORTLAND (White).** Fine early green.
- NF-12 SPECIAL OFFER No. 82D.** One each of above. 2 yr. (value \$3.40) for \$2.45.

FOR COMPLETE LISTING OF FRUIT TREES AND SMALL FRUITS MAIL REQUEST FOR SPRING NURSERY LIST.

DWARF FRUIT TREES

These dwarf fruit trees have low broad heads so that fruit can easily be picked and they take up little room in the garden or on the lawn. They usually bear good crops within 3 or 4 years and the fruit is of extra high quality. Plant 8 feet apart, and each spring trim off one-third to one-half of the previous season's growth.

- NF-3 DWARF APPLE RED DELICIOUS.**
- NF-2 DWARF APPLE McINTOSH.**
- NF-4 DWARF APPLE YELLOW DELICIOUS.**
- NF-6 DWARF PEAR BARTLETT.**
Above, 3 to 4 ft. \$3.50 each; 3 for \$9.75. Not prepaid.
- NF-5 DWARF CHERRY NORTH STAR.** Large, luscious sour cherries on small sized, productive self-fertile tree. Wonderful for pies. Minnesota bred so is extra hardy. 3 to 4 ft. \$3.95. Not prepaid.
- NF-13 SEMI-DWARF APPLE DELCON.** A true semi-dwarf apple tree. 12 ft. Produces full size dark red fruit similar in shape to Delicious but without knobs. A naturally dwarf variety. Hardy wherever Red Delicious is successful. Flavor is a combination of its parents, Jonathan and Delicious. 1 1/4 in. caliper. Each \$3.50; 3 for \$9.75. Not prepaid.

QUINTUPLET APPLE TREE

- NF-1 5 KINDS OF APPLES ON ONE TREE.** This is the ideal tree for the small yard, 5 different varieties are grafted on the main stock of one tree, which will give you good apples for summer, fall, and winter. 2-year, 4 to 5 ft., 3/4 in. caliper \$3.95 each; 3 for \$11.25. Not prepaid.



Daylilies - Hemerocallis

The modern Day Lilies have been greatly improved and are now one of the most popular perennials for midsummer bloom. Their lily-like flowers are of wonderful coloring, from creamy yellow to deep orange, pink, red, purple and lovely blends. Perfectly hardy, they require only a minimum of care, and will grow and thrive anywhere, except in very deep shade or wet locations. Plant with the crown only 1 inch deep in May or June or as early as possible in fall. In cold climates use a COARSE mulch only the first winter. Winter protection is not necessary thereafter, except on those of evergreen habit. Daylilies bloom in June, July and August with most of them coming midseason. Time of bloom indicated by E. early, M. midseason and L. late.

6 CHAMPION DAYLILIES \$4.85

- NH-900** One each listed below (value \$6.75)
NH-3 CABALLERO. 3 ft. Very popular, gay brilliant bicolor with rose vermillion petals and alternating golden yellow sepals and throat. Large, lily-like flowers up to 5 inches. Evergreen. EM. \$1.00.
NH-11 DUCHESS OF WINDSOR. 2-2½ ft. Wide petaled blooms of deep cream shading to soft golden yellow with rose tinted throat. M. \$1.25; 3 for \$3.00.
NH-15 GARNET ROBE. 3 ft. Rich glowing garnet-red with a deep yellow-green throat. It is tops in its color class and is an exceptionally good performer in all parts of the country. Evergreen. M. \$1.25.
NH-21 HYPERION. 3-3½ ft. Not new, but still one of the finest of all Daylilies. Giant amaryllis-like flowers of citron yellow; delightfully fragrant. M. \$1.00.
NH-45 PINK CHARM. 3½ ft. Beautiful large star-like flowers with recurved petals of coppery rose-pink with a light yellow center. ML. \$1.25; 3 for \$3.00.
NH-49 QUEEN ESTHER. 3 ft. The 5-inch brilliant, velvety crimson flowers do not fade in the hot sun and they stay open evenings. Has more blooms to the scape than most any other variety. ML. \$1.00.

4 DELUXE DAYLILIES \$5.45

- NH-901** One each as listed below (value \$6.50).
NH-7 COLONIAL DAME. 3 ft. A Queen of exceptional beauty. Large, wide open, ruffled flowers of warm apricot with rosy tan banding above a bright golden throat. Remains open evenings; blooms in midseason and repeats in fall. \$2.00; 3 for \$5.00.
NH-19 HESPERUS. 3¼-4 ft. A magnificent deep lemon yellow with large 6 to 7 inch blooms of splendid form and substance. M. \$1.25; 3 for \$3.00.
NH-43 PAINTED LADY. 3 ft. Gigantic 8 inch flowers with wide ruffled petals of cinnamon brown and yellow with darker veins and a coral throat. Evergreen. M. \$1.25; 3 for \$3.00.
NH-47 POTENTATE. 3½ ft. A rare color gem, a self with petals and sepals of luminous pansy red-purple with a distinct satiny sheen. Even the stamens and pistils are done in purple. Reblooms. Top winner in the 1954 Popularity Poll. ML. \$2.00; 3 for \$5.00.

3 OF THE

WORLD'S BEST DAYLILIES \$7.75

- NH-902** One each as listed below (value \$9.00).
NH-9 CRIMSON GLORY. 3½ ft. A wonderful name for this large crimson beauty of firm substance and great color value. It is a rich red self with broad ruffled petals and sepals that blend down into an inconspicuous yellow cup. A good strong grower that has an unusually long blooming season. E.M. \$4.00.
NH-13 EVELYN CLAAR. 2½-3 ft. A broad petaled, deep salmon pink with a silvery sheen and a yellow flush near the center of the flower. It is very sun resistant and a strong grower with blue green foliage. A must for your garden. Top winner in the 1955, 1956 and 1957 Popularity Poll of the Hemerocallis Society. EM. \$3.00.
NH-37 NARANJA. 3 ft. One of our very finest Daylilies. A gorgeous shade of solid golden orange in lightly ruffled, 7 inch amaryllis-formed blooms. Evergreen. ML. \$2.00; 3 for \$5.00.

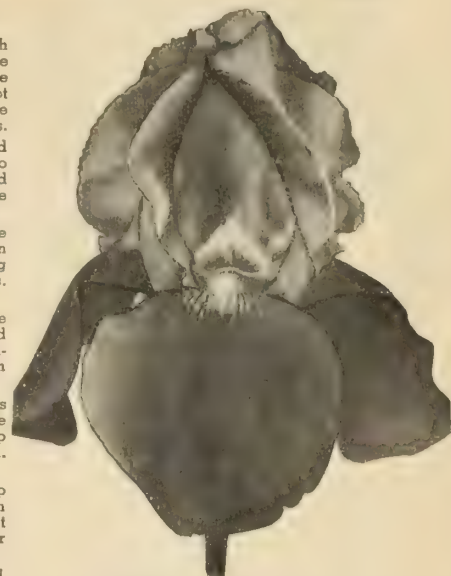
NI-900

Seven Iris Aristocrats \$3⁴⁵

CATALOGUE VALUE \$5.50

These are among the finest Irises in cultivation. Each is rated close to perfection and not long ago one could not have been purchased for the price of the collection. Your Iris display is lacking if you have not these varieties; and our low prices make it possible to own them for less than the cost of ordinary plants.

- NI-11 CHANTILLY.** 36 in. Delightful orchid pink. Edges of both standards and falls are so heavily ruffled and frilled they appear edged with lace, a shade lighter than the rest of the flower. 75c; 3 for \$2.00.
NI-25 GREAT LAKES. 42 in. An exquisite pure blue, the shade of an unclouded sky reflected in crystal waters. It is almost perfection, having crisp petal texture, and ideally formed blooms. 75c; 3 for \$2.00.
NI-39 MINNIE COLQUITT. 36 in. Massive white plicata, slightly ruffled, that has wide, heavy band of wine-purple stitching around both the standards and the falls. It is entirely different from other Iris. 75c; 3 for \$2.00.
NI-41 MULBERRY ROSE. 40 in. Huge flowers of radiant, lovely, mulberry rose with a bronze beard. A new and unusual shade in the deep pink class that stands out from afar in the garden. 75c; 3 for \$2.00.
NI-45 OLA-KALA. 36 in. Beautiful rich, deep yellow flowers of fine form and ruffling with flaring falls. So intensely yellow and brilliant it is almost on the orange side. Withstands weather excellently. 75c; 3 for \$2.00.
NI-61 SABLE. 40 in. Excellent form, and good bloom every year are some of the qualities which make this variety a prize-winner. An almost black Iris with a lustrous, silky sheen and an intense depth of color never before seen. 75c.



- NI-71 SUNSET BLAZE.** 40 in. A huge blend of flame red and coppery salmon with a glistening finish. It is beautifully bright in color, the most startling thing in the garden. Early. \$1.00.

5 IRIS CHAMPIONS FOR \$3.95

- NI-901** One each as listed below (value \$5.50).
NI-1 ARGUS PHEASANT. 36 in. Huge flowers of bright golden brown with highlights of a bright coppery sheen. Striking and unusual, it thrills all who see it. \$1.00; 3 for \$2.50.
NI-13 CHERIE. 34 in. Most famous of the "flamingo pinks." The large, ruffled flowers of excellent form and substance are a luscious shade of pink and have a deep tangerine beard. \$1.50; 3 for \$4.00.
NI-15 CHIVALRY. 36 in. The perfect medium blue with large ruffled flowers of excellent form and heavy substance. It is breath taking in a large clump. \$1.00.
NI-55 PINNACLE. 35 in. The beautiful wax-like blooms with its pure white standards and primrose yellow falls are something really new in combination of colors, a "must" for your garden. \$1.00.
NI-57 RANGER. 36 in. Very dark, true crimson red. Long large blooms of firm texture. A sure producer of flowers and lots of them. \$1.00; 3 for \$2.50.

Ask for our "Complete List of Iris."

DAYLILIES—Continued.

7 STANDARD DAYLILIES \$4.25

- NH-903** One each as listed below (value \$5.25).
 Price of following varieties, 75c; 3 for \$2.00.
NH-23 KWANZO FLORE PLENO. 3 ft. The old-fashioned double daylily; coppery red and gold. M.
NH-25 LINDA. 3 ft. A ruffled flower of amber yellow lightly washed with rosy pink shades. Beautiful deep rose eye zone. M.
NH-31 MARY GUENTHER. 3 ft. Our favorite bicolor with outstanding colors of brilliant carmine-red and clear yellow. Evergreen. EM.
NH-29 MARGARET PERRY. 3½ ft. Brilliant orange scarlet lined with yellow. A most attractive variety. M.
NH-33 MIKADO. 3 ft. Rich orange yellow with deep mahogany red throat. Good evenings. Fragrant. M.
NH-35 MOROCCO RED. 3 ft. Brilliant flower of velvety Morocco red extending to the heart of the flower.
NH-39 OPHIR. 4 ft. Produces quantities of giant, waxy golden yellow blooms. Very fragrant. M.

DELIVERY

Peonies are shipped in March or April; Iris and Daylilies in early May.

All orders for items on this page are shipped separately from Western Springs, Ill. Orders which total \$5.00 and over for shipment to one address will be delivered prepaid in the U.S. With orders for less than \$5.00, add 50c for postage and handling. (No orders are shipped C.O.D.)

4 HIGHLY RATED PEONIES \$4.10

- NP-8** One each as listed below (value \$5.75).
NP-3 FRANCES WILLARD. (9.1) Very large, perfectly formed blooms open exquisite bluish white, changing to pure white. A fine variety. \$1.50.
NP-4 KARL ROSEFIELD. (8.8) Huge ball-like flower of rich velvety-crimson. Very brilliant and striking. We consider it the best all-round red Peony. \$1.25.
NP-5 MONS. JULES ELIE. (9.2) By many considered most beautiful of all Peonies. The flowers are an immense ball of imbricated petals; the color a glistening lilac-pink shading to deeper rose at the base all overlaid with one sheen of silver. Very fragrant. \$1.50.
NP-7 SARAH BERNHARDT. (9.0) A prolific bloomer, of perfectly formed flowers of a deep rose-pink, with lighter edging; center flecked crimson. An extra good cut-flower variety. Late mid-season; fragrant. \$1.50.



3 FINE PEONIES \$2.90

- NP-9** One each as listed below (value \$3.75).
NP-1 FELIX CROUSSE. (8.4) Its large, globular flowers, solid and compactly built from edge to center, are a rich, even, brilliant, dazzling ruby-red. Late mid-season. \$1.25.
NP-2 FESTIVA MAXIMA. (9.3) An old variety which should be in every garden. Flowers white, dotted carmine, are often 7 to 8 inches in diameter. Very fragrant. Early. \$1.25.
NP-6 REINE HORTENSE (PRESIDENT TAFT). (8.7) One of the finest Peonies in our Nursery. A strong grower, a profuse bloomer, and an excellent cut-flower variety, cut blooms lasting a week or more. Its flowers are a beautiful uniform light pink, center flecked crimson. Mid-season. \$1.25.

Flowering Shrubs for Home Grounds



CYDONIA JAPONICA

The figures following each variety indicate in feet the average height of the plant at maturity. B. & B. indicates "Balled and Burlapped."

(No Nursery Stock Shipped C. O. D.)

NS-8 FOUR NEW BUDDLEIAS (BUTTERFLY BUSHES OR SUMMER LILACS) \$3.95

One each of those listed below.

4 ft. The long tapering spikes thickly covered with minute tubular flowers of pleasing fragrance bloom during July and continue until frost. Excellent for cut-flowers. The stalks die to the ground each winter but come up vigorously again in the spring. 2 yr. No. 1 Each \$1.35; 3 of one kind, \$3.75.

NS-4 DUBONNET. Wine red.

NS-5 FASCINATING. Orchid-pink long sprays.

NS-6 ORCHID BEAUTY. Soft cattleya lilac with orange eye.

NS-7 ROYAL PURPLE. Brilliant red-purple.

ALMOND. (Double Pink Flowering) See Prunus.

BARBERRY. (Berberis) See Hedge Plants.

BEAUTYBUSH (Kolkwitzia Amabilis)

NS-32 6 to 8 ft. Handsome upright shrub with graceful arching branches completely covered with lovely pink trumpet shaped fragrant blossoms. Hardy. 2 to 3 ft. \$2.00; 3 for \$5.55.

BRIDALWREATH. (Spirea Van Houtte). See Spirea.

CALYCANTHUS (Sweet Shrub)

NS-9 CALYCANTHUS FLORIDUS. (Sweet Shrub or Strawberry Shrub). Handsome, purplish-brown or reddish-brown flowers in June and July. Does well in partial shade. Much desired for the old-fashioned garden. 18 to 24 in. \$2.00.

CARYOPTERIS BLUE MIST

NS-62 HARDY BLUE SPIREA. 2-3 ft. Covered with numerous clusters of blue, fringed flowers from August until autumn frost. Foliage silvery green in color. Excellent border shrub. 2 yr. No. 1, \$1.45. 3 for \$4.00.

COTONEASTER

NS-12 ACUTIFOLIA (Peking). 5 to 10 ft. Small leathery leaves of rich glossy green on willowy brown branches closely set with small pink flowers in May; jet black berries in fall. It is a beautiful shrub and makes one of our finest hedges. Can be trimmed like Privet. Recommended in the North where hedge plants must be extremely hardy. 2 to 3 ft., \$1.45; 3 for \$4.05; 10 for \$12.00.

NS-13 DIVARICATA. One of the best of the species. It forms an arching, densely branched bush from 4 to 5 ft. tall and more in diameter. The small, oval, dark green leaves turn a brilliant shade of crimson before they fall. Also prized for its dark scarlet fruits which last until late in autumn. Very choice. 2 to 3 ft. \$2.00; 3 for \$5.55.

DOGWOOD (Cornus)

NS-10 REDTIG DOGWOOD. (C. Alba Sibirica). 6-10 ft. Coral-red branches. Very brilliant, especially in early spring, when the bark is intensely colored. 2 to 3 ft. \$1.35; 3 for \$3.75.

NS-11 GOLDENTWIG DOGWOOD (Stolonifera Flaviramea). 6-10 ft. A variety with golden yellow bark, very attractive. Planted in masses with the red-barked varieties, an effective and striking contrast may be secured. Hardy. 2 to 3 ft., \$1.45; 3 for \$3.95.

FLOWERING DOGWOOD. (See Trees, next page).

EUONYMUS

NS-15 ALATUS COMPACTA. (Dwarf Burning-Bush.) 4 to 6 ft. Bark cork-like and curiously winged; leaves small; fruit red, in autumn, foliage bright red. One of our best shrubs for specimen plantings and for growing in shady locations. 18 to 24 in., \$3.00; 3 for \$8.25.

NS-16 EUONYMUS EMERALD LEADER (Corliss) Plant. Pat. #881. See description page 11. 15 to 18 in. bushy plants \$4.50 each; 3 for \$12.75; 10 for \$40.00.

EUONYMUS RADICANS VEGETUS. See Vines.

EUONYMUS RADICANS COLORATA. See Vines.

FIREBUSH OR FLOWERING QUINCE

NS-14 CYDONIA JAPONICA. 4 to 5 ft. Brilliant orange-scarlet flowers in April, followed by yellowish green, quince-shaped, fragrant fruits. 2 to 3 ft., \$1.50; 3 for \$4.05.

FORSYTHIA (Golden Bell)

NS-19 Lynwood Gold. Illustrated and described on page 11. 2-3 ft. \$1.80; 3 for \$5.10.

NS-20 SPRING GLORY. 5 to 8 ft. The loveliest of all Golden Bells and the most prolific, its attractive large pale yellow flowers completely covering the bushes in early spring. 2 to 3 ft. \$1.65; 3 for \$4.65.

HAMAMELIS (Witch-Hazel)

NS-25 VERNALIS (Vernal or Winter-Blooming Witchhazel). 5-6 ft. Blossoms as early as January and will continue to bloom during the mild weather and closing when the temperature drops. Flowers vary in color from bright yellow to maroon and have a spicy fragrance. 2 to 3 ft., \$2.50; 3 for \$6.75.

HIBISCUS. (See Rose of Sharon). next page.

HONEYSUCKLE (Lonicera)

NS-40 Pink 2 to 3 ft., \$1.25; 3 for \$3.45.

NS-41 Pink 3 to 4 ft., \$1.50; 3 for \$4.20.

NS-42 Red 2 to 3 ft., \$1.25; 3 for \$3.45.

NS-43 Red 3 to 4 ft., \$1.50; 3 for \$4.20.

NS-38 White 2 to 3 ft., \$1.25; 3 for \$3.45.

NS-39 White 3 to 4 ft., \$1.50; 3 for \$4.20.

BUSH HONEYSUCKLE. 9 to 10 ft. One of our best shrubs for screen and border plantings.

NS-37 CLAVEY'S COMPACT DWARF H. A new Dwarf honeysuckle recently introduced. The hardiness and vigor of the standard, reliable honeysuckle, developing into a beautiful, compact shrub about three to four feet tall. We are enthusiastic, but what more need be said. 18/24", bushy, \$1.50 ea.; 3 for \$4.20; 10 for \$13.00.

NS-35 2-3 ft., NS-36 3-4 ft. ZABEL RED H. (L. KOROLKOWI ZABELI). 10 ft. A dense upright growing shrub. This variety produces a grand display of red flowers in spring followed by red fruits in summer. It is probably the darkest colored bush honeysuckle. 2 to 3 ft., \$1.45; 3 for \$4.05; 10 for \$12.50; 3 to 4 ft., \$1.60 each; 3 for \$4.50; 10 for \$13.50.

HYDRANGEA

NS-27 PEEGEE HYDRANGEA (H. PANICULATA GRANDIFLORA). 8 to 10 ft. Immense panicles of bloom a foot long, white turning to rose, commencing to bloom in August. 18 to 24 in., \$1.50; 3 for \$4.20.

NS-26 SNOWBALL HYDRANGEA (H. ARBORESCENS GRANDIFLORA). 4 ft. Large, flat heads of snow white flowers in June and July. Thrives in shade. 18 to 24 in., \$1.50; 3 for \$4.20.

NS-28 BLUE HYDRANGEA. 2 ft. Blooms of deep and intense blue last for a long time in late summer. Will grow in sun or light shade. Protect during winter in colder climates. Use a little alum when planting to assure the best color. 2 yr. \$2.25; 3 for \$6.30.

NS-29 OAK-LEAVED HYDRANGEA (QUERCIFOLIA). 3-5 ft. Large deep green leaves shaped like those of Oak tree. Will stand shade and smoky, dusty city conditions. Flowers pinkish white borne in upright clusters in June. 18 to 24 in. \$2.00; 3 for \$5.55.

NS-30 HYPERICUM. (St. John's Wort) Hidcote. Illustrated on page 11. No. 1 grade \$1.50; 3 for \$4.20.

KERRIA

NS-31 JAPONICA. 4 to 5 ft. Its slender green branches are attractive all winter. Leaves light green, yellow in autumn. Showy, bright golden yellow flowers from June to September, 2 to 3 ft., \$2.00; 3 for \$5.55.

DELIVERY

We pay postage on vines, small fruits, and shrubs up to 2 and 3 ft., if the order for these items amounts to \$5.00 or more, to one address.

Trees and shrubs 3 to 4 ft. and larger are sent via express—you pay the charges, as this cost is not included in our price. For orders of less than \$5.00, include 50c handling charge.



LILAC Mad. Lemoine

FRENCH HYBRID LILACS FOUR BEAUTIFUL VARIETIES

NS-70 BELLE DE NANCY. Large double satiny rose; white center. Free blooming, Fragrant.

NS-71 CHARLES JOLY. Double flowers of dark, wine-red with silvery reverse. One of the very finest Lilacs.

NS-72 MME. LEMOINE. Double pure white flowers, borne in large clusters. Best white.

NS-73 PRES. GREY. Considered by many as the most satisfactory of the blue Lilacs. Giant, pyramidal clusters of double flowers of clear, soft blue. Prices of above, 2 to 3 ft., \$2.50; 3 for \$6.75.

NS-74 SPECIAL OFFER No. 849. One each of above 4 French Lilacs, 2 to 3 ft. (value \$10.00) for \$8.00.

LILAC SPECIES

NS-68 2-3 ft., NS-69 3-4 ft. COMMON PURPLE LILAC (SYRINGA VULG. PURPUREA). 12 to 15 ft. The old-fashioned Lilac. It is hardy and vigorous, endures neglect and blooms abundantly. Purple flowers early in May. 2 to 3 ft., \$1.50; 3 for \$4.20; 10 for \$12.00. 3 to 4 ft., \$1.70; 3 for \$4.80; 10 for \$15.00.

NS-66 2-3 ft., NS-67 3-4 ft. PERSIAN PURPLE (SYRINGA PERSICA). 8 to 10 ft. The most graceful and freely flowering of the Lilacs, with purple-lavender flowers, in loose panicles. 2 to 3 ft., \$1.55; 3 for \$4.35; 10 for \$12.25. 3 to 4 ft., \$1.60; 3 for \$4.50; 10 for \$14.00.

MOCK ORANGE (Philadelphus)

NS-47 CORONARIUS AUREUS. (Golden Leaved Mock Orange). A dwarf, compact little shrub much prized for its bright effect. Plant in partial shade. May be used as a hedge clipped to formal outlines. 2 to 3 ft., \$1.65; 3 for \$4.65.

NS-44 FROSTY MORN. Plant Pat. No. 1174. Very profuse with its all double, fragrant blossoms. About 40 inches, it is very useful in landscaping where medium size shrubs are needed. 18 to 24 in. stocky plants \$1.80; 3 for \$5.10.

NS-45 2-3 ft., NS-46 3-4 ft. MINNESOTA SNOWFLAKE. Plant Pat. No. 538. This new Mock Orange is an outstanding introduction. Every one of its hundreds of blossoms is double, and very sweet scented. Hardy as its name implies, vigorous in growth, it is a graceful, well branched variety, about 6 ft. in height at maturity. 2 to 3 ft. bushy plants \$1.85; 3 for \$5.25. 3 to 4 ft., \$2.20; 3 for \$6.25.

NS-48 2-3 ft., NS-49 3-4 ft. VIRGINIALIS. 7 to 8 ft. One of the most beautiful shrubs grown. In June the plants appear as a huge bouquet being completely covered with large double or semi-double crested flowers that are pure white and sweet-scented. It has a long blooming period, the new wood producing throughout the summer. 2 to 3 ft., \$1.65; 3 for \$4.65. 3 to 4 ft., \$1.85; 3 for \$5.40.

NINEBARK (Physocarpus)

NS-50 P. OPULIFOLIUS NANA. 5 ft. One of our finest medium size hedge plants. Dense, upright growth, it requires little shearing. The leaves are small, three to five lobed, and in color are dark glossy green. Ideal for growing in shady places or in full sun. 2 to 3 ft., \$1.50; 3 for \$4.20; 10 for \$12.00.

POTENTILLA (Cinquefoil)

NS-51 GOLD DROP. (Shrubby Cinquefoil). 2-4 ft. desirable low-growing shrub, thriving either in wet or dry soil, producing bright yellow flowers throughout the summer, suitable for rockeries and in front of taller shrubs. 15 to 18 in. \$2.00; 3 for \$5.55.

PRUNUS (Plums)

see Trees also

- NS-52 CISTENA.** 6 ft. A dwarf variety red leaf plum. Grows in bush form to a height of 6 ft. This is the most brilliant purple-red plum we can grow in the North. Perfectly hardy, in sun or part shade. 2 to 3 ft., \$2.00; 3 for \$5.70.
- NS-53 DOUBLE PINK FLOWERING ALMOND** (*Prunus Glandulosa Sinensis*). 4 to 6 ft. Hundreds of closely set double pink flowers appear before leaves. Excellent foundation shrub. Hardy 2 to 3 ft., \$1.75; 3 for \$4.95.
- NS-54 TRILOBA (Double Flowered Plum).** Native of China. Similar to the old favorite Flowering Almond, but more hardy. Flowers double, delicate pink, an inch or more in diameter, appearing in profusion on the long slender branches before the leaves unfold. A choice, beautiful shrub that needs no winter protection. 2 to 3 ft., \$2.10; 3 for \$6.00.

RHODOTYPOS (Jetbead)

- NS-55** 4 to 5 ft. This handsome useful shrub will thrive in dry, shaded locations, in smoky cities, under trees and on the north side of buildings. Single white flowers like mockorange blossoms, borne in May, are followed by shining black berries which persist throughout the winter. 2 to 3 ft., \$1.75; 3 for \$4.95.

ROSE OF SHARON

- NS-21 Pink, NS-22 Purple, NS-23 Red, NS-24 White** **HIBISCUS SYRIACUS OR SHRUBALTHEA.** 6 to 12 ft. An upright shrub, blooming in August and September. The flowers resemble those of the hollyhock, and are very showy. Double pink, purple, white or red. 2 to 3 ft., \$1.50; 3 for \$4.20.

SPIRAEA

- NS-59 BUMALDA ANTHONY WATERER.** 2½ ft. Round flat clusters of rosy-crimson flowers are borne throughout the summer and fall. It is of low, compact growth. Valuable for low foundation planting. 18 to 24 in., \$1.45; 3 for \$4.05.

BLUE MIST. (See Caryopteris.)

- NS-60** 18-24 in., **NS-61** 24-30 in. **S. FROEBELI** (Ever-blooming) 3 ft. Round, flat clusters of rosy-pink flowers from June to October. Beautiful foliage all season. One of our best low growing shrubs for general use and for flowering hedges. 18 to 24 in., \$1.35; 3 for \$3.75. 24 to 30 in., \$1.45; 3 for \$4.05.

- NS-63** 2-3 ft., **NS-64** 3-4 ft. **S. VAN HOUTTE** (Bridal Wreath). 5 to 6 ft. One of the most beautiful and useful shrubs. 2 to 3 ft., \$1.25; 3 for \$3.45. 3 to 4 ft., \$1.35; 3 for \$3.75.

TAMARIX PETANDRA

- NS-75 SUMMER GLOW.** 8 to 10 ft. Magnificent variety with pink flower spikes that appear all during the summer. Foliage gray-green, light and feathery as that of the asparagus. 2 to 3 ft., \$2.00; 3 for \$5.55.

WEIGELA

- NS-80 ROSEA W. (PINK).** 5-6 ft. Covered in June with an abundance of large rosy pink flowers. A vigorous sort of erect, compact growth. 2 to 3 ft., \$1.65; 3 for \$4.65.

- NS-79 BRISTOL RUBY.** (Plant Pat. No. 492). For picture and description see page 11. 2 to 3 ft., \$2.25; 3 for \$6.25.

WILLOW (Salix)

- NS-58 FRENCH PUSSY WILLOW.** Bears an abundance of large, silver-pink, fur-like catkins in the early spring. Bushy Plants. \$1.50; 3 for \$4.20.

VIBURNUMS

The Viburnums are a most useful group of shrubs, very hardy, of good growing habit, never "lanky" in growth and tolerant of shade and difficult conditions.

- NS-76 BURKWOODI V.** (Gardenia-Scented Snowball). 5 ft. Fast growing, semi-evergreen and bears its very fragrant, waxy, pinkish-white flowers in round, domed clusters in early spring. Glossy green foliage brilliantly tinted in autumn. 18 to 24 in. \$3.75.

- NS-78 MARIESI.** An exceptionally fine shrub of medium size. In bloom it is considered by many to be even lovelier than Dogwood. Compact habit of growth, profusion of bloom, and colorful foliage in fall combine to make it an outstanding newer variety. 2 to 3 ft., \$2.00 each; 3 for \$5.75.

- NS-77 OPULUS STERILE V.** (Old-Fashioned Snowball). 8-10 ft. A well known, large shrub producing showy white, ball-shaped flowers in May. Scarlet fruit. 2 to 3 ft., \$1.50; 3 for \$4.20.

*For other Viburnums see our complete list of nursery stock.

HEDGE PLANTS

BARBERRY (Berberis)

- NS-2 GREEN LEAVED BARBERRY (B. THUNBERGI).** 4 ft. Popular hedge plant. Scarlet berries in fall and winter. 18 to 24 in., \$1.00; 3, \$2.25; 10, \$7.00; 100, \$65.00.

- NS-1 MENTOR BARBERRY (B. MENTORENSIS).** 3 ft. (Patent No. 99). It is extremely hardy and is able to withstand intense heat and drought without wilting or burning. Its foliage is heavy and thick and remains green until after the holidays. 15 to 18 in., \$1.25; 3 for \$3.45.

- NS-3 RED-LEAVED BARBERRY (B. THUN. ATROPURPUREA).** 4 ft. The foliage is a rich, bronzy red all summer. Plant in full sun to develop its coloring. 18 to 24 in., \$1.25; 3 for \$3.45; 10 for \$9.00.



Sunburst Locust

PRIVET HEDGE (Ligustrum)

- NS-33** 18-24 in., **NS-34** 2 to 3 ft. **AMUR PRIVET (L. AMURENSE).** 12 ft. One of the best hardy hedge plants. May be sheared to any extent. 18 to 24 in., 3 for \$1.50; 10 for \$3.25; 100 for \$27.50. 2 to 3 ft. 3 for \$1.60; 10 for \$4.00; 100 for \$35.00.

RIBES (Currant)

- NS-56 ALPINUM (Alpine Currant).** A hardy, dense shrub suitable for hedges and mass plantings. Attractive foliage, "Boxwood of the North." For shipment in Illinois only. 15 to 18 in., \$1.40; 3 for \$3.90.
- NR-84 ROBIN HOOD.** New hedge rose. For picture and description see page 14. Strong flowering one year plants 5 for \$4.00; 10 for \$7.50; 30 or more 60c each.

ROSA MULTIFLORA - FENCE ROSE

- NS-57** 6 to 8 ft. The white or light pink flowers mature into bright red berries which attract game and song birds. The shrub is armed with sharp thorns and makes a stock tight hedge as wide as tall. Seedlings. 12 to 15 in., ¼ in. caliper at crown, 10 for \$2.00 25 for \$4.00; 50 for \$7.00; 100 for \$12.00; 500 for \$50.00.

CHINESE ELM HEDGING

- NT-22 ULMUS PUMILA.** It forms a beautiful, dense, impenetrable hedge with small dark green foliage. It can be kept low-growing and clipped, or can be used where immediate screening effects are desired. For hedge purposes, plant seedlings 12 to 18 inches apart. 2 to 3 ft. seedlings, not transplanted, 10, \$2.00; 50, \$7.50; 100, \$13.50.

Ornamental Trees

The following items are not prepaid and will be shipped by express collect.

MAPLE (Acer)

- NT-1 ACER PLAT. SCHWEDLERI NIGRA.** (Crimson King Maple) Pat. No. 735. 40 to 60 ft. This is a perfected form of the Schwedler Maple, having foliage of deep maroon-purple all summer. The tips of the branches and new foliage are a lighter shade, giving the impression of a tree in bloom. No large sizes are available, but planted now, the trees will start branching the first summer and increase in beauty each year. Very hardy. 7 to 8 ft. whips \$8.50. Not prepaid.

*For varieties of Maples and other shade trees see our complete list of nursery stock.

BIRCH (Betula)

- NT-2 EUROPEAN WHITE BIRCH (B. ALBA).** 30-40 ft. Of very upright habit with beautiful white bark. Foliage small and finely toothed. 8 to 10 ft., \$5.75; 3 for \$16.20. Not prepaid.
- NT-4** 5 to 6 ft., **NT-5** 6 to 7 ft. **IN CLUMP FORM,** these plants are grown so that three main stems come from the root, as white birch so often grows in its natural habitat. 5 to 6 ft. clumps, \$7.00; 6 to 7 ft. clumps, \$8.50. Not prepaid.
- NT-3 CUT-LEAVED WEEPING BIRCH (B. PENDULA GRACILIS).** 30-40 ft. An unusually graceful drooping tree, with deeply cut foliage and silvery white bark at maturity. 9 to 10 ft., \$8.75; 3 for \$25.20. Not prepaid.

FLOWERING CRAB (Malus)

- NT-15 ALMEY CRAB.** 10-15 ft. Immense blooms, fiery crimson with white star-like markings at base of petal. Often blooms the same year planted, almost always the second. The tree is less symmetrical, more picturesque, than Bechtel's. 4 to 5 ft., \$4.50. Not prepaid.
- NT-17 BECHTEL'S DOUBLE FLOWERING CRAB.** 10-15 ft. Large double fragrant pink flowers in such profusion that each branch is a full bouquet. Showiest of all. Straight trunk, symmetrical habit. 4 to 5 ft. \$4.50. Not prepaid.
- NT-18 RADIANT.** See page 11 for description and picture. Not prepaid.
- NT-16 HOPA.** 15-20 ft. Large deep rose flowers followed by red-fleshed, edible fruits. 4 to 5 ft. \$3.50. Not prepaid.

DOGWOOD (Cornus)

See preceding page for Cornus shrubs.

- NT-8 PINK FLOWERING DOGWOOD (C. FLORIDA RUBRA).** 15 ft. A small, upright tree that produces large deep rose-colored flowers in early spring. Very showy. 3 to 4 ft. B. & B., \$7.50. Not prepaid.
- NT-7 WHITE FLOWERING DOGWOOD (C. FLORIDA).** Similar to above, but flowers are white. 3 to 4 ft., B. & B., \$6.50. Not prepaid.

HAWTHORN (Crataegus)

- NT-10 CORDATA.** (Washington Thorn). Small tree up to 30 ft. with exceptionally fine fall coloring. White flowers followed by bright red berries, lasting well into the winter. 5 to 6 ft. Branched. \$5.30. Not prepaid.
- NT-9 PAUL'S DOUBLE SCARLET (C. OXY SPLENDENS).** 12 to 15 ft. Very showy blossoms of bright scarlet color, large full and very double. 5 to 6 ft., \$5.00. Not prepaid.

LOCUST (Gleditsia)

- NT-12** 5 to 6 ft., **NT-13** 7 to 8 ft. **MORAIN LOCUST** (Patent No. 836). 80 to 100 ft. New. A near-perfect shade or street tree. It is a selected form of the Honeylocust that is thornless and seedless and grows more rapidly, as fast as the soft maple or Chinese elm, but is definitely hard wooded. We highly recommend it. 5 to 6 ft., branched \$6.00; 7 to 8 ft., branched \$10.00. Not prepaid.

- NT-11 GLEDITSIA TRIACANTHOS INERMIS AUREA** (Sunburst Thornless Locust). Pat. No. 1313. Spectacular new color in an ornamental shade tree. Branch tips of bright golden yellow, shading to bronze at ends contrast sharply with the rich green inner foliage to make it look like a flowering tree bursting with bloom. Keeps the appearance all summer long. It is ideal for lawns. Absolutely seedless, it carries no ground litter, and its lacy, sun-dappled shade actually benefits a fine lawn. Extremely hardy and resistant to insects and diseases. 6 to 7 ft. whips well rooted, twice transplanted. \$7.50 each. Not prepaid.

MAGNOLIA

- NT-14 SAUCER MAGNOLIA (M. SOULAN-GEANA)** 20 ft. Flowers come before the long glossy leaves, and are 3 to 5 inches across, cup shaped, rosy pink when in bud. A full-sized tree is a bouquet of thousands of showy flowers, not surpassed by any other tree in effectiveness. 2 to 3 ft., balled in moss \$7.50.

PLUM (Prunus)

- NT-19 THUNDERCLOUD PURPLE-LEAF PLUM.** 12 to 15 ft. A small tree shrub. The leaves when young, are lustrous crimson, changing to a dark purple and they retain this beautiful tint until they drop, late in autumn. 5 to 6 ft., \$4.50. Not prepaid.

REDBUD (Cercis)

American Redbud (C. Canadensis)

- NT-6** Small heart-shaped foliage. In early Spring masses of small delicate rosy flowers wreath the leafless branches. 2-3 ft. \$2.00; 3 for \$5.55.

EUROPEAN MOUNTAIN ASH

- NT-20 SORBUS AUCUPARIA** (European Mountain Ash). A valuable ornamental tree, easily grown, symmetrical, with striking foliage and with brilliant scarlet and orange berries in late summer and fall. A fine small to medium size tree, growing 20 to 25 ft. tall, and very hardy. 6 to 8 ft. well branched. \$7.50 each. Not prepaid.

WILLOW (Salix)

- NT-21 NIOBE WEEPING WILLOW (S. NIOBE).** 30 to 40 ft. Wavy, bright green foliage borne on slender, pendent branches. 6 to 8 ft., \$3.85. Not prepaid. See shrubs for Pussy Willow.

*VAUGHAN'S NURSERY PRICE LIST

Listing our complete assortment of ornamental shrubs, shade trees, evergreens, small fruits, and fruit trees will be sent free on request. Ready about March 1st.

Plant Foods and Soil Improvers



VAUGHAN'S ONE SHOT MERION FERTILIZER (20-5-5)

Designed to supply four lbs. of actual nitrogen per thousand square feet of lawn plus adequate amounts of other necessary plant foods. Contains Du Pont's uramite which enables you to apply a season's requirement of nitrogen in one treatment. 50 lbs., \$8.95—prepaid delivery.

GROGANIC ROSE & PLANT FOOD. (10-6-4). Supplies both quick acting and long lasting plant foods derived from organics, chemicals and minerals. Trace elements are supplied by organics and dried blood. Complete directions on each package. 5 lb. size 95c; Postpaid \$1.45; 10 lbs. \$1.65, Postpaid \$2.40.



GROGANIC LAWN FOOD. (10-6-4) Contains over 50% organic materials. Not to be confused with fast acting chemicals that force soft growth and are depleted when most needed by turf. A tailor made product that will help to produce a thick dark green lawn. 25 lb. size in E-Z carry Handle Bag \$2.95 each. 50 lb. \$4.95 each. Delivery Extra.

VAUGHAN'S EVERGREEN FOOD (10-8-6)

A new product this season. Specifically formulated for use on evergreens and trees. Also ideally suited for all shrubs, hedges and vines. Extra strength analysis provides organics, minerals and chemicals to insure adequate plant food. 5 lbs., 95c, postpaid \$1.45; 10 lbs. \$1.65, postpaid \$2.40; 25 lbs., \$3.25, shipped express charges collect.



VAUGHAN'S 100% ORGANIC (5-5-0). A semi-granular high analysis activated sludge, testing from 5.0% to 5.5% organic nitrogen and from 5.0% to 6.8% phosphate. Being all organic it is a safe, long lasting fertilizer that will not burn at any season of the year. Needless to say it has long been a "must" for home lawns and gardens. It has the ability to aid in the development of a deeper root system and builds beautiful turf. 50 lbs., \$2.35; 80 lbs., \$3.40. Delivery extra.

RHODO-AZALEA FOOD. 3-20-3. For All Acid Loving Plants. 10 lbs., \$1.45, postpaid \$1.95.

SULPHATE OF AMMONIA. 10 lbs., \$1.25, postpaid \$1.85; 25 lbs., \$2.75; 50 lbs., \$3.75; 100 lbs., \$6.50.

Plant food prices do not include shipping charges unless marked postpaid. For Chicago & Suburban deliveries add \$1.10 for 50 lbs. and \$1.45 for 100 lbs. Other points shipped Express charges collect.

ALUMINUM SULPHATE. For creating acid condition in the soil. 25 lbs., \$2.75; 50 lbs., \$4.50; 100 lbs., \$6.25.

BONE MEAL. This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Our Bone Meal has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen 2 percent, total phosphoric acid, 22 percent. 10 lbs., \$1.45, postpaid \$2.20; 25 lbs., \$3.25; 100 lbs., \$8.50.

BULB FOOD. (5-6-15). For Dahlias, "Glads," Tulips, Lilies, Peonies and all tuberous plants needing an abundance of potash. 10 lbs., \$1.45, Postpaid \$2.20; 25 lbs., \$3.25.



LAWN AND GARDEN CYANAMID is a "Jekyll and Hyde" chemical. When first applied to the soil, changes begin during which Cyanamid is poisonous to seeds. In 21 days with soil temperatures above 50 degrees, a transformation into safe plant nutrients is completed. In cold weather, five or six weeks may be required to make Cyanamid entirely safe. Full instructions come with it. 25 pounds will treat 500 sq. ft. \$3.75; 50 lbs., treats 1,000 sq. ft. \$6.50.



URAMITE. (38% N). The new urea-formaldehyde compound. A completely new kind of nitrogen for turf and ornamentals. A water insoluble slow release product, one feeding lasts all season. 25 lbs., \$8.95; 50 lbs., \$15.95.

F-2027 MURIATE OF POTASH Use as supplementary feeding for all tuberous plants. 25 lbs., \$2.50; 50 lbs., \$4.25; 80 lbs., \$5.25.

VAUGHAN'S PEAT MOSS IMPORTED HORTICULTURAL GRANULATED

F-2057 A moisture-retaining humus. An important aid to soil fertility, prevents the formation of hard top crust and fungus growth. Home garden size bag, about 25 lbs., \$3.25; Large bale of about 100 lbs., contains approximately 15 bushels of loose peat before bales are compressed, \$6.75.



F-2036 G. & O. ROSE FOOD. 7-8-5. A high organic 100% no filler food of Dried Blood, Fish Scrap, Bone Meal, Potash, Cotton Seed Meal and powdered Tobacco (as aid in wire worm control) and well cured neutral Super Phosphate. Can be used on all garden plants. 10 lbs., \$1.45; postpaid \$2.20; 25 lbs., \$3.25; 80 lbs., \$8.35.



Transplanting

New Lawns

The most talked-of product in gardening in years! Composed of countless tiny air cells, Terra-Lite vermiculite holds and releases air and moisture in just the right quantities. Not a fertilizer, but a superior growing medium—good for all these jobs:

Lightening Soil Starting Seeds Storing Bulbs

F-2042. Prices, 1/2 peck bag, 40c; postpaid 65c. 1/2 bushel bag, 90c, postpaid \$1.25; 4 cu. ft. bag, \$2.50. Shipped by express, charges collect.

SHREDDED CATTLE MANURE. Our own brand. An efficient, high grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. There is no offensive odor. 25 lbs. \$1.25; 50 lbs. \$2.40.

TOMATO FOOD 3-12-13. Finest food for tomatoes, high in Phosphorus and Potash. 10 lbs. \$1.45, postpaid \$2.20; 25 lbs. \$3.25.

S-435 PLANT MARVEL. Pure, Rich Plant Food is a scientific blend of 12% nitrogen, 31% phosphoric acid, 14% potash, Vitamin B-1, mineral and trace elements in a form that dissolves quickly and completely in water. Use it indoors or outdoors. Grows plants in water, sand, or soil. 1/2 lb. can ea. 80c, postpaid 95c; 1 lb. can ea. \$1.35, postpaid \$1.60; 5 lb. can ea. \$4.75; postpaid \$5.25; 10 lb. drum, ea. \$8.75, postpaid \$9.60; 25 lbs. ea. \$18.75; 50 lbs. ea. \$33.75; 100 lb. drum for \$60.00.

RA-PID-GRO

S-454 RA-PID-GRO. All-Soluble Plant Food. Analysis 23-21-17. For African violets, house plants, gardens. Complete instructions on each package. 6 oz., 50c, postpaid 60c; 8 oz., 75c, postpaid 95c; 1 lb., \$1.30, postpaid \$1.50; 2 lbs., \$2.50, postpaid \$2.75; 5 lbs., \$4.75, postpaid \$5.25; 10 lbs., \$9.00, postpaid \$9.60; 25 lbs., \$21.00 and 50 lbs., \$42.00.

S-451 FULTON'S PLANT-ABBS. Odorless plant food in tablet form, supplies a completely balanced plant food including Vitamin B-1. Per box of 50 tablets, 39c, postpaid 45c; box of 90 tablets, 59c, postpaid 70c; box of 200 tablets, \$1.00, postpaid \$1.10. Large size approximately 1,000 tablets, \$3.50, postpaid \$3.75.

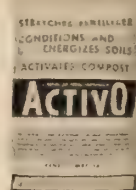


S-402 ADCO ARTIFICIAL STABLE MANURE. To make it yourself, to each ton of straw, hay, cornstalks or dried leaves add 150 lbs. of Adco. This makes four tons of fresh or three tons of rotted manure. Full directions. 5 lb. pkg., \$1.95, postpaid \$2.30; 20 lbs., \$4.25, via express; 80 lbs., \$17.95, via motor truck collect.



S-425 FLORALIFE Makes your cut flowers live longer. Pkt. to make 1 qt. solution, each, 10c three pkts. for 25c. Home size tin makes 30 qts. each, \$1.00, postpaid \$1.20; 100 qt. size, each \$3.00, postpaid \$3.40.

S-401 ACTIVO. Make your own fertilizer easy, in as little as three weeks. Just sprinkle Activo on kitchen waste, leaves, garden rubbish, sewage sludge, etc. Sprinkle in outdoor toilets reduces odors, makes easily handled ash of waste. No. 2 size, \$1.40, postpaid \$1.70, treats 450 lbs. compost; No. 7 size, \$3.00, postpaid \$3.50; treats up to 1800 lbs.; No. 20 size, \$7.00; treats up to 2 tons compost. No. 50 size drum, \$12.95; treats 6 tons compost. F.O.B. Chicago.



S-429 HY-GRO. Analysis: 13-26-13. The soluble plant food and starter solution. 4 oz., 39c; postpaid 45c; 1 lb., \$1.19; postpaid \$1.35; 3 lbs., \$2.65, postpaid \$3.00; 10 lbs., \$7.00; postpaid \$7.85.

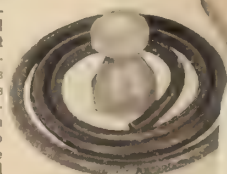
S194 VERSENL IRON CHELATE ON VERMICULITE. Prevents and cures that iron-hungry yellow look in trees, shrubs, ornamentals, flowers and lawns. Full directions on package. 1 lb. can ea. \$1.98; postpaid \$2.25.



Feeds Plants Through Hose Water

No. S915 HOZON.

Simplest, most practical and widely useful gadget to mix plant food and some insecticides and fungicides with the hose water is Hozon. This siphoning device draws from an open bucket or tub water in which the soluble plant food has been mixed. One gallon of solution is drawn from the pail in 12 to 18 minutes, and diluted with water 12 to 18 times volume. Hozon siphon is brass, with stainless check valve, rubber suction tube and stainless strainer. Each, \$2.25, postpaid, \$2.40.



We prepay fertilizer orders within 25 miles of N. Y. City where orders amount to \$10.00 or over.
Errata—Prices on fertilizers in our catalogue are F.O.B. Chicago.
 Following are New York prices.

Vaughan's High Grade Fertilizers

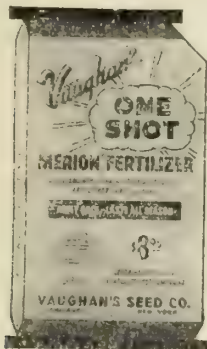
These Prices Are Subject to Change Without Notice.

BONE MEAL. A special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the western prairies. Analysis: Nitrogen 3.7%; total phosphoric acid, 20%. Prices, 5 lbs., 95c; 10 lbs., \$1.75; 25 lbs., \$3.00; 50 lbs., \$5.50; 100 lbs., \$10.50.

Regular Bone Meal. 2.47% nitrogen, 20% phosphoric acid. 25 lbs., \$3.00; 50 lbs., \$5.00; 100 lbs., \$9.00.

Cow Manure Dehydrated (Bovung). Manufactured by special process from selected fresh cleanings from cattle pens. There is no offensive odor, and when spread on lawn and garden it works down into the soil so that there is no refuse to blow about or be raked off when the growing season begins. 5 lbs., 65c; 10 lbs., \$1.10; 25 lbs., \$2.00; 50 lbs., \$3.00; 100 lbs., \$5.00; 500 lbs., \$23.00.

SHEEP MANURE. This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strawn over and dug into the vegetable garden or placed directly in drills or hills. It promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.75; 500 lbs., \$25.00.



Vaughan's One Shot Merion Fertilizer. The new urea formaldehyde compounds together with dependable chemicals, minerals and organics furnish fast acting, intermediate and slow release of plant foods. It is designed primarily for use on home lawns but also can be used on evergreens, shrubbery, trees and as a general purpose fertilizer in the garden. 50 lbs., \$8.95 prepaid delivery.

Active. (Formerly called Bacto) Make your own fertilizer easy, quick—often in as little as three weeks. Just sprinkle on kitchen waste, leaves, garden rubbish, sewage sludge, etc. 5-pound bag makes up to a ton of rich, soil-building organic humus, better than manure. Sprinkle in outdoor toilets; reduces odors, makes easily-handled ash of waste. Prices, No. 2 size, about 2 lbs., \$1.40; No. 7 size, about 7 lbs., \$3.00; No. 50 size, about 50 lb., \$12.95; No. 100 size, \$19.95.

Adco Artificial Stable Manure. Make it yourself, in your own garden. To each ton of straw, hay, cornstalks or dried leaves add 150 lbs. Adco to make four tons of fresh or three tons of rotted manure. Adco contains nothing injurious to health or harmful to animal or plant life. Shipments accompanied by full directions. Prices, 5 lbs., \$1.95; 20 lbs., \$4.25; 150 lbs., \$20.00.

Aluminum Sulphate. For creating acid condition in the soil. Prices, 5 lbs., 75c; 10 lbs., \$1.35; 25 lbs., \$2.75; 50 lbs., \$3.90; 100 lbs., \$12.00.

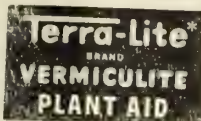
Ammonium Sulphate. 20.6% nitrogen. Prices, 5 lbs., 70c; 10 lbs., \$1.35; 25 lbs., \$2.90; 50 lbs., \$4.75; 100 lbs., \$7.00.

Blood, Dried. For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. Prices, 5 lbs., \$1.25; 10 lbs., \$2.00; 25 lbs., \$4.25.

Bulb Food. Potash where potash is needed (5-6-15). For Dahlias, Lily, Gladiola, etc. 5 lbs., 85c; 10 lbs., \$1.45; 25 lbs., \$3.25; 80 lbs., \$9.75 each.

Hyponex Plant Food. For growing plants in sand, soil or water. One teaspoonful will make a gallon of complete plant food. 1 lb. will make 100 gallons. Prices, 3 ozs., 30c; 7 ozs., 60c; 1 lb., \$1.00; 10 lbs., \$8.00.

Transplanting



New Lawns

The most talked-of product in gardening in years! Composed of countless tiny air cells, Terra-Lite vermiculite holds and releases air and moisture in just the right quantities. Not a fertilizer, but a superior growing medium—good for all these jobs:

Lightening Soil Starting Seeds Storing Bulbs

F-2042. Prices, 1/2 peck bag, 45c; postpaid 50c. 1/2 bushel bag, 90c, postpaid \$1.25; 4 cu. ft. bag, \$2.50. Shipped by express, charges collect.

DU PONT URAMITE

Now—A completely new kind of Nitrogen for Lawns and Gardens.

Just one application of this new product of Du Pont research meets all the nitrogen needs of Lawns and Gardens for an entire season, "URAMITE" eliminates the frequent time-consuming feedings needed to produce mature plants. That's because just one application of non-leaching "URAMITE" releases nitrogen required for optimum plant growth all season long with complete safety. "URAMITE", 38% nitrogen, means new efficiency and economies—one bag provides nitrogen equivalent to six or eight bags of most fertilizers. It's odorless, free-flowing, clean and easy to apply. 50-bag bag \$16.00 each. Express collect.

Muriate of Potash. Should be used liberally, especially for all root crops. 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.00.

Miracle-Gro For All Garden Plants including roses, all flowers, all fruit trees and shade trees, all bushes, lawns, all vegetables, all berry plants, shrubs, vines and evergreens. Mix ONE tablespoon of Miracle-Gro to each gallon of clear water. 1 1/2 lbs., \$2.25; 5 lbs., \$5.00. For best results, feed your plants once every 2 weeks.

Nitrate of Soda. 5 lbs., 70c; 10 lbs., \$1.35; 25 lbs., \$2.90.

Peat Moss, Granulated. (Irish when available). A moisture-retaining humus, an important aid in saving soil fertility, better than manure. Large bale each, \$5.95, 5 for \$27.50. (Prices subject to change.)

Plantabbs. The high analysis plant food tablet containing the proper amount of Vitamin B1. Prices, box of 50 tablets, 39c; box of 90 tablets, 59c; box of 200 tablets, \$1.00; can of 1000 tablets, \$3.50.

RA-PID-GRO contains no inert materials (sand, coconut shells or brick dust). Every bit is 100% plant food and when applied in solution it is immediately absorbed by the plant roots. No waiting for weeks to obtain growth or color. RA-PID-GRO gets results in an amazingly short time. Prices of RA-PID-GRO, 1 lb., \$1.25; 2 lbs., \$2.35; 5 lbs., \$4.50.

Rose Food G & O. An organic, no filler, 100% plant food of dried blood, fish scrap, bone meal, potash, cottonseed meal and phosphate. This is a special mixture for growing roses and is a balanced, all purpose fertilizer which can be used on all flowers, shrubbery, etc. 5 lbs., 85c; 10 lbs., \$1.45; 25 lbs., \$3.25; 80 lbs., \$9.35 each.



F-2014 GROGANIC. Research has proved that plants respond to food elements which are found in both mineral and organic forms. Those derived from minerals are effective quickly, and in soil temperatures too low for bacterial activity. Organics become available to plants more slowly, and require warm soil and bacteria to release their food content completely.

By combining mineral and organic elements, long-lasting nutrient can be provided. Groganic contains no filler whatever. Bulk is provided by dried blood, fish, scrap, castor pomace and vegetable meal, all relatively expensive, which break down slowly. Boron is added to correct acidity and manganese sulphate to prevent chlorosis (yellowing) in leaves. Chemical nitrogen, phosphorus and potash are added—all quick acting and stimulating growth in early spring.

The analysis of Groganic is 6-11-6, 6% nitrogen, 11% phosphorus, 6% potash. An application of 15 lbs. per 1,000 square feet will provide continuous feeding effective in 10 days and lasting 300 days. 5 lbs., 95c; postpaid, \$1.25; 10 lbs., \$1.45; postpaid, \$1.95; 25 lbs., \$3.25; 50 lbs., \$5.60.

Sulphate of Potash. 5 lbs., 90c; 10 lbs., \$1.60; 25 lbs., \$3.50.

Super Phosphate. 18%-20% available. Used on grain crops and others requiring an excessive amount of phosphoric acid. Prices, 5 lbs., 75c; 25 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$5.00; 500 lbs., \$18.00.

We prepay fertilizer orders within 25 miles of New York City where orders amount to \$10.00 or over. No C.O.D.s.

Sprays and Dusts

ALL THE LATEST PESTICIDES

S-114 ANTROL AFRICAN VIOLET AND HOUSE PLANT INSECT BOMB. Made specifically for AFRICAN VIOLETS and other house plants such as IVY, etc. Always ready—No Mixing—No Pouring—No Sprayer To Buy. 6 oz. size, ea. 89c; postpaid, \$1.05



S-383 ROOST NO MORE a harmless gelatin compound that birds find unpleasant underfoot. It does not kill or injure the birds in any way, it merely prevents them from roosting where they create a nuisance. It is odorless to humans, non-inflammable, non-toxic, weatherproof and economical to use. Will positively stop birds from roosting when properly applied. 14 oz. Aerosol Bomb, each \$2.50; postpaid \$2.70.

S-193 FERMATE. Fungicide gives improved control of plant diseases, with safety to all plants. Reliable specific for black spot on roses, leaf spot on chrysanthemums, snapdragons rust, anthracnose of tomatoes, and brown rot of cherries. For use against all fungi and mildews. 8 oz., \$1.10, postpaid, \$1.30; 3 lbs., \$3.75, postpaid for \$4.00.



S-339 ACME WETTABLE DUSTING SULPHUR. An improved dusting sulphur recommended to control Mildew, Leaf Spot, Black Spot, and Rust on rose bushes, chrysanthemums, snapdragons and other foliage, also Red Spiders on Evergreens. For Garden and Lawn use. 2 lb. shaker top carton, 89c, postpaid, \$1.20.

FUNGICIDES

S-374 ACME GARDEN FUNGICIDE. Contains Captan (30%) and Karathane (3%). Produces excellent control of black spot and powdery mildew on roses and many diseases of certain other flowers and ornamentals. 8 oz. each, \$1.40, postpaid, \$1.55.

S-127 BORDEAUX MIXTURE. Standard Copper Fungicide. Controls many diseases of fruit trees, grapes, potatoes, flowers and shrubs. Repels leafhoppers and flea beetles. Lb., 98c, postpaid \$1.25; 4 lbs., \$2.00; postpaid \$2.45.

S-301 SEMESAN. The universal seed disinfectant. 4 oz., \$2.50, postpaid \$2.65; 12 oz., \$5.95; postpaid \$6.25; 25 lbs., \$105.00.

S-138 NEW IMPROVED CERESAN. For gladiolus bulb treatment. 1 lb., \$1.95, postpaid \$2.20.

S-323 TERSAN 75 for control of brown patch, dollar spot, snow mold, etc. 8 oz., \$1.95, postpaid, \$2.15; 3 lbs., \$6.00, postpaid, \$6.40.

S-313 SPERGEN SEED PROTECTANT. Kills the soil fungi and bacteria which cause damping off. 5 oz. each \$1.75; postpaid \$1.90. 1 lb., \$2.40, postpaid \$2.65; 5 lbs., \$10.50; postpaid \$10.95.

S-336 VOLCK OIL SPRAY. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. 4 oz., 39c, postpaid 50c; pint, 79c, postpaid \$1.00; 1 gal., \$3.19, postpaid \$3.75; 5 gals., \$10.49, express collect.

S-330 TRI-O-GEN 3 WAY ROSE DUST. Price 1 lb. canister, \$1.25, postpaid, \$1.50; 5 lbs., \$5.00, postpaid, \$5.50.

S-329 TRI-O-GEN 3 WAY ROSE SPRAY.

Combined spray treatment fungicide-insecticide and plant stimulant. A complete protection against plant insects and diseases. E, kit trial size, \$1.80, postpaid, \$2.00; A, small kit, makes 16 qts., \$2.50, postpaid, \$2.75; B, medium kit, makes 64 qts., \$6.30, postpaid, \$6.65; C, large kit, makes 32 gals. \$10.00, postpaid, \$10.75; D, estate kit, makes 128 gals., \$30.00, express collect.

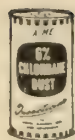
STOMACH POISONS

S-331 ACME DIELDRIN 18 (Liquid) Sensational control of Lawn insects and many others. Controls ants, chiggers, white grubs, sod webworm, and others in lawns. In flower gardening soil for cutworms, wireworms, earwigs, slugs, roach maggots and others; household pests such as roaches, silverfish, carpet beetles, box elder bugs, termites and others. 8 oz. bottle each \$1.35; postpaid \$1.55. 1 qt. each \$3.75; postpaid \$4.10. 1 gal. each \$13.25; express collect.

S-122 ARSENATE OF LEAD. (Dry). 1 lb. carton \$1.00; postpaid \$1.25; 4 lbs., \$2.40, postpaid \$2.85; case of 48 lbs., \$22.00

S-308 SNAROL MEAL. Contains metaldehyde, the best slug and snail killer known. Lures slugs and snails from plants and kills fast. Available in meal and pellet form. 1 lb., 50c, postpaid 70c; 2½ lbs., \$1.00, postpaid \$1.35; 6 lbs., \$2.00, postpaid \$2.45; 50 lbs., \$13.00.

S-102. ACME 6% CHLORDANE DUST. For dusting in gardens and on lawns to control ants, cut worms, chiggers, wire worms, etc. Price per 1 lb. sifter top carton, each 65c; postpaid 90c. 4 lb. bag, \$1.65 postpaid \$2.10.



S-144 45% CHLORDANE EMULSION CONCENTRATE. Kills grasshoppers, roaches, ants and many other insects. 4 oz. 75c, postpaid 85c; 8 oz., \$1.25, postpaid \$1.40; 1 pt., \$1.95, postpaid \$2.15; 1 qt., \$2.95, postpaid \$3.30; 1 gallon \$9.00 express collect.



S-101 ACME ALL ROUND SPRAY. For roses, shrubs, vegetables and flowers. Price lb. \$1.29; postpaid \$1.50. 3 lbs. \$2.45; postpaid \$2.85.

S-106 ACME GARDEN GUARD. 1%. Rotenone, safe on garden vegetables. In 1-lb. shaker top cans. Each, 69c; postpaid, 95c; 4 lb. pkg. \$1.75. Postpaid \$2.10.



S-117 ANTROL LAWNTRON GRANULES WITH DIELDRIN. Treatment for all lawn and soil insects. Cutworms, Army worms, Ants, Chinch bugs etc. Broadcast direct from package. No mixing, spraying, or drifting. 1 lb. covers 350 sq. ft. 1 lb. each 69c, postpaid 90c; 2 lb. each \$1.25, postpaid \$1.55.

S-241 FUMI-SOIL CAPSULES. Pure Ethylene Dibromide Fumigates soil. Kills Root-cripping pests, such as Ants, Nematodes, Wireworms, and other in-the-soil pests. "Just drop a capsule." Per package of 24 capsules, \$1.45, postpaid \$1.55; pkg. of 100 capsules, \$3.95, postpaid \$4.15; pkg. of 200 capsules, \$6.95, postpaid \$7.15.



S-325 TOBACCO DUST. Contains over ¾ nicotine superfine grind. 1 lb., 30c, postpaid 45c; 5 lbs., 80c, postpaid \$1.20; 10 lbs., \$1.35, postpaid \$1.95; 50 lbs., \$4.95, express collect.

MISCELLANEOUS

S-256 ANTROL MULTI PURPOSE ROSE SPRAY FLOWER BOMB. FUNGICIDE-MITICIDE INSECTICIDE. One handy spray bomb works three ways—1) KILLS INSECTS, 2) KILLS MITES AND 3) CONTROLS BLACK SPOT AND POWDERY MILDEW FUNGUS DISEASES. Just push button. 15 oz. size each, \$1.59, postpaid \$1.80.



S-181 DUPONT FRUIT TREE SPRAY. Recommended for control of many insects and fungus diseases affecting fruit trees. Specially formulated for spray application. 1 lb. canister, \$1.25; postpaid, \$1.50; 3 lb. bags, \$2.95; postpaid, \$3.40.

S-294 ACME 50% MALATHION SPRAY. Safe type phosphate spray. Controls aphids, mites, mealy bugs, scale and many insects attacking flowers, vegetables, evergreens, ornamentals, fruit and shade trees. Also useful as a fly and mosquito control. 1 oz. 50c, postpaid 60c; 4 oz. \$1.25, postpaid \$1.40; 8 oz. \$2.00, postpaid \$2.25; pint \$3.00, postpaid \$3.25; 1 qt. \$4.50, postpaid \$4.85.

S-359 ISOTOX GARDEN SPRAY. Contains Lindane, Malathion and DDT. Use on Flowers, Shrubs and Fruit Trees. 4 oz., \$1.19, postpaid, \$1.35; 8 oz., \$1.98, postpaid, \$2.20; 1 pint, \$2.98, postpaid, \$3.25.

S-312 SPERGEN GLADIOLUS DUST. Controls thrips & Corm decay. A dust containing spergon and D.D.T. to be applied to corms before planting, or storage in Fall. Also Tulips, Narcissus and Iris. 2 oz. each 50c, postpaid 60c; 1 lb. each \$2.75, postpaid \$2.25. 5 lbs. for \$6.25; postpaid \$6.65.



S-328 TREE TANGLEFOOT is a non-drying sticky compound. It is applied as a band to completely encircle the trunks of trees, thereby preventing climbing insects from reaching foliage, buds or fruit. TREE TANGLEFOOT is used in the same way banded around the spurs and canes of vines, or stems of shrubs or plants. Price, 6 oz. tube, ea. 90c postpaid \$1.05; 1 lb. can, \$1.50; postpaid \$1.70; 5 lbs., \$7.00; postpaid \$7.50; 25 lbs., \$26.50 express collect.

S-265 PARA-SCALECIDE. A liquid paradichlorobenzene treatment for control of peach borers and other borers affecting fruit and ornamental trees. Pour ½ to 1½ pints of diluted Para-SCALECIDE (1 to 7 parts of water) around base of affected tree in early Fall or late Spring. Kill borers on dogwood, rhododendrons, apples, etc. by applying diluted Para-SCALECIDE in borer holes with force-feed oil can. ½ pt., 85c, postpaid \$1.00; quart, \$1.69, postpaid \$1.95; gallon, \$3.98, postpaid \$4.75; 5 gallons \$15.00.

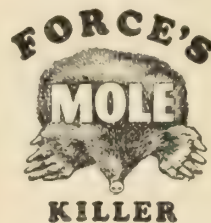


S-298 SCALECIDE. A complete dormant spray for fruit trees, shade trees and ornamentals. Controls scale and invigorates growth. Use 1 gal. to 15 gals. water. 1 pt., 95c, postpaid \$1.15; qt., \$1.39, postpaid \$1.65; gal., \$3.25, postpaid \$3.95; 5 gals., \$13.50; 15 gals., \$27.75; 30 gallon drum, \$45.00; 55 gal. drum \$71.50 f.o.b. Chicago. No charge or deposit on drums.

S-163 RIDZ DOG REPELLENT. For Outdoor Use. Aerosol bomb, contains 12 oz.; no mixing. Easy to apply. Touch of your finger applies it where you want it. Price each \$1.49, postpaid \$1.65.



S-168 DOGZOFF LIQUID. Breaks dogs of bad habits. Spray underneath their evergreens, and guard them completely against the depredation of dogs. Non-poisonous. 3 oz. bottle, 75c; by mail, 85c.

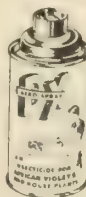


Regular size, \$1.00, postpaid \$1.15. Large size, \$3.50; postpaid, \$3.70.

S-195 FORCE'S MOLE KILLER. Recognized for over 37 years... now an improved formula of fruits, vegetables and grains plus tasteless, odorless Arsenic Trioxide. Tempting to moles... a quick, deadly killer. Bite size pellets... easy to use and very effective. Small size 50c; postpaid 60c.

MISCELLANEOUS

S-130 PRATT'S D-X AERO-SPRAY BOMB. For House Plants, for African Violets, Ferns, Ivy, etc. A low pressure Aerosol bomb that makes it easy to kill insects on plants. Controls Aphids, mites and mealy bugs. 12 oz. each \$1.50; postpaid \$1.70.



S-264 PINETAR. For tree surgery. Stops bleeding of the sap. Pint, 50c, postpaid 70c; qt., 85c, postpaid \$1.10; gal., \$2.40, postpaid \$3.00.

KILLS ALL LIFE IN SOIL

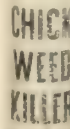
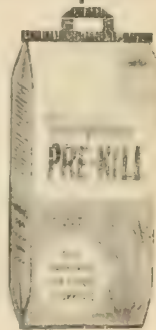
S-210 Vapam Soil Fumigant. All living things in soil, including seeds, fungi and insects, are killed by this fumigant, which simplifies the home gardener's task of preparing soil for seedlings, etc. Two weeks after treatment, it is safe to sow the crop! A sprinkling can is the only equipment needed. 1 qt. will treat 100 square feet. Price, 1 qt. for \$1.95; postpaid \$2.30; 1 gallon jug, each \$5.60; 5 gallon drum, for \$24.25 shipped express only.

New Vaughan Products

Kills Crab Grass Before It Sprouts

S-170 VAUGHAN'S PREKILL.

Without injury to lawn grass this dust is deadly to crab grass seeds and seedlings, attacking and destroying them before they emerge from the soil. It also kills many soil insects including grubs, cut-worms, night crawlers, lawn moth larvae and ear wigs. One application as directed is all that is needed to rid the soil of crab grass. It has been tested in trials at leading universities and is available from Vaughan's for the first time in 1959. Packed in convenient dry form for application with spreader. Bag to cover 1000 sq. ft.



S-167 VAUGHAN'S NEW CHICKWEED KILLER. Chickweeds, both the mouse-ear and common kinds, are difficult to cope with in lawns and borders, because of their low-growing creeping stems and persistent spreading. A positive destroyer of both forms, and clover as well has been developed by Vaughan's as a dust, packed in a handy shaker type container, for quick, easy application with no special equipment. Enough to spot treat average lawn. Each 97c; postpaid \$1.15.

Garden Pesticides and Hormones

Weed Killers

S-299 CRAG HERBICIDE 1.

Save work—and keep your garden neat by preventing weeds from growing. Kills weed seeds as they germinate. No worry about drift damage to foliage or sensitive plants. 1 lb. can ea. \$4.49; postpaid \$4.70; 2lb. bag \$6.00; postpaid \$6.35.



S-464 NEW IMPROVED WEEDONE. Contains 2, 4-D plus 2, 4, 5-T. With this combination of weed killers you can keep your grounds free from almost any unwanted plant growth. 8 oz. covers 1,500 sq. ft. Price each, \$1.00, postpaid, \$1.15; quart, \$2.75, postpaid, \$3.00; gallon, \$6.75; postpaid \$7.60; 5 gallon drum, \$24.75 each.

S-465 WEEDONE BRUSH KILLER 32. Contains 2, 4, 5-T plus 2, 4-D. For control of poison ivy, poison oak, and many other woody plants. Not recommended for lawn use. 8 oz. cans, \$1.49, postpaid, \$1.60. Price per quart, \$3.75; postpaid, \$4.10; per gallon, \$7.25, postpaid \$7.95; 5 gallons, \$34.50.

S-428 HERBICIDE. Unsightly grass and weeds on driveways, cobble gutters, paths, and undesirable places are completely destroyed by a simple application. For ordinary grass and weeds each gallon may be diluted with 50 gallons of water, to cover 1,000 square feet. Qt., \$1.00, postpaid \$1.30; gal., \$2.50, postpaid \$3.25; 5 gals., \$10.00; 55 gals., \$57.50. By motor collect.

AMMATE WEED AND BRUSH KILLER (DuPont)

S-404 (Ammonium Sulfamate.) A non-poisonous weed killer which can be applied by hand or sprayer, or can be applied dry. Will kill Poison Oak, Poison Ivy, Poison Sumac, Dandelions and Plantain. Use ¼ to 1 lb. to gallon of water. Price, 2 lb. pkg., \$1.35, postpaid \$1.60; 6 lb., \$3.50, postpaid \$3.95; 60 lb., bag, \$22.00.

S-462 WEEZED WONDER BAR. Kills Dandelions, and all broad-leaf weeds. Easy to apply, no mixing or measuring to do. Comes ready to use, simply drag bar across the lawn to be treated or can be attached to mower. Treats 20,000 sq. ft. Bar is formed of raw wax and oil impregnated with 2-4D. Each \$4.98; Postpaid \$5.35.



S-123 ACP POISON IVY KILLER containing AMIZOL®. This product contains our latest herbicide discovery, Amizol (aminotriazole), a patented material. The best chemical available for killing poison ivy. Highly selective. Does not sterilize the soil. Non-corrosive. 8 oz. can, each \$1.25; postpaid \$1.50. 24 oz. can, each \$3.35; postpaid \$3.70.

S-239 CARCO X. Your Garden Protector. General garden spray for trees, shrubs, flowers and vegetables. For control of Iris Borer, Ants, Aphids, Thrip, Wireworms, etc. When mixed with water and applied according to directions it acts four ways in protecting your garden as a Soil Treatment-Repellent-Contact Insecticide-Fungicide. 8 oz. bottle \$1.25, postpaid \$1.45; 1 pt. \$1.85, postpaid \$2.15; 1 qt. \$3.00, postpaid \$3.35; 1 gallon \$8.75, postpaid \$9.50.



S-382 RAID House and Garden Bug Killer kills bugs in BOTH the house and the garden. Clears rooms of flies, mosquitoes and other flying insects. In the garden kills aphids, mites, thrips and most other pests... yet does not harm plants. 14 oz. aerosol bomb each \$1.59; Postpaid \$1.80.



S-422 WILT-PRUF. Now you can transplant your precious evergreens, fruit trees, flowering shrubs and herbaceous plants, without worry of deadly water-loss, whenever you wish. A WILT-PRUF application before transplanting provides the plant with a gentle protective coating which prevents transpiration of its vital life-giving water until its roots adjust themselves to a new source of water and nutrition. Especially desirable when propagating and setting out young plants. Prevents Winterburn and Summer-scall on Evergreens. 6 oz. plastic container each \$1.00; postpaid \$1.15. 1 qt. can each \$3.50; postpaid \$3.85. 1 gal. each \$10.00; postpaid \$10.85.

S-471 VAUGHAN'S LAWN CLOVER KILLER. If you have white clover in your blue grass lawn, and do not like it, here is the spray which will bring your lawn up to date, if you wish. Do not use on bent lawns, which are in general more susceptible to chemical injury than other fine lawn grasses. 8 oz. tin, covers approx. 1500 sq. ft., each \$1.25; postpaid \$1.40.

S-161 A C M E DIMITER. RED SPIDER AND MITE SPRAY. A specific for control of red spiders, European and citrus red mite, spruce mite, Cyclamen mite, clover mite, and other spider mites damaging evergreens, flowers, shade trees and shrubs. 2 oz., 79c each, postpaid, 90c; 8 oz., \$2.15, postpaid \$2.35; qt. tin, \$6.00, postpaid \$6.35.



NEW RED SPIDER REMEDY

S-118 ARAMITE. Extensive tests by experimental stations show this to be the best control for these pests. 4 oz. \$1.00, postpaid \$1.15; 12 oz. \$2.00, postpaid \$2.20; 4 lbs. \$4.85, postpaid \$5.30.



PRATT'S FRUIT TREE DUST OR SPRAY

S-274 A combined fungicide and insecticide containing Sulphur, basic Arsenate of Lead and DDT for control of many chewing and sucking insects and fungus diseases on fruit trees, ornamentals and evergreens. 1 lb. makes 8 gallons of spray. 1 lb. Sifter Top can \$1.00; postpaid \$1.25. 3 lb. bag, \$2.00; postpaid \$2.40.

CHLORDANE SPRAY 72%. High concentrate Emulsifiable. Especially recommended for Pre-Kill Crab grass control. Also kills Ants, Chiggers and many other insects in lawns and soil. 4 oz. bottle will make 24 gals. spray solution. 4 oz. bottle for \$1.25; postpaid \$1.35. 8 oz. bottle for \$1.95; postpaid \$2.15. 1 pt. for \$3.60; postpaid for \$3.80. 1 qt. for \$5.75; postpaid \$6.10.

S-158 50% D. D. T. WETTABLE DUST. For diluting in water for spraying, or mixing with talc to prepare dust of desired strength. One pound in 100 gallons of water makes effective garden spray leaving a heavy residual deposit on plants. 1 lb., \$1.10; postpaid, \$1.35; 4 lbs., \$2.40, postpaid for \$2.80.

S-157 PRATT'S 25% D. D. T. LIQUID SPRAY. D. D. T. in emulsion form has given results on some insects superior to those from wettable powders. This is safe to use on garden and greenhouse plants. Eight ounces will make 25 gallons of garden spray. 8 oz., 95c prepaid \$1.10; 1 pt., \$1.25, postpaid \$1.45; 1 qt., \$1.65; postpaid \$1.95.

S-155 5% D. D. T. DUST. A ready-mixed garden dust of D. D. T. combined with a fine, light-weight filler, safe to use on all plants in gardens and greenhouses. Excellent for bulb treatment. 1 lb., 65c, postpaid, 90c; 4 lbs., \$1.35, postpaid, \$1.80.

S-294 DIPHACIN. New Rat Bait. Kills rats and mice. Vacuum packed. Won't go stale. Contains diphacinone, the new toxic chemical. Easy to use—no messy handling. Each opened can becomes a self feeding bait-station. 4 oz. can, each 89c; postpaid \$1.05; 1 lb. can, each \$1.69; postpaid \$1.95.

Plant Hormones

TRANSPLANTONE

S-327 The hormone vitamin starter. Reduces wilt and loss when transplanting. TRANSPLANTONE helps grow new roots and reduces loss of water so the plant starts growing again in a much shorter time.

Use TRANSPLANTONE in the garden for transplant annuals, perennials and shrubs. ½ oz., pkt. 35c, postpaid 40c; 3 oz. can, \$1.25, postpaid \$1.35; 1 lb. can, \$4.00, postpaid \$4.20.

IMPROVED ROOTONE WITH FUNGICIDE

S-287 ROOTONE now contains the 3 best hormones for rooting cuttings. This long trusted standby of gardeners everywhere is even better, quicker, surer in its results than ever. That's because indole butyric acid has been added to an already successful formula.

Now you can root with confidence an even wider range of cuttings, knowing they'll put out strong, healthy roots faster and surer than ever. Added fungicide controls damping-off and other soil-borne diseases.

ROOTONE treated grass seed gives a much quicker, heavier stand of grass. Gives a thicker, drought-resisting turf, the first season. Price, ¼ oz. pkg., 35c, postpaid 40c; 2 oz. jar enough to treat 3,000 cuttings, \$1.25; postpaid \$1.35; 1 lb. jar will treat up to 30,000 cuttings, \$5.00, postpaid \$5.20.

FOR SLOWER ROOTING VARIETIES

S-289 ROOTONE No. 10 is more than twice the regular strength. We recommend it for such slow-rooting varieties as: Arbor vitae, cypress, fir, hawthorn, Japanese cedar, juniper, hemlock, oak, pine, rhododendron, spruce and yew. ROOTONE No. 10 is especially effective on azalea, camellia and philodendron. 2 oz. jar, \$2.25, postpaid \$2.35. 1 lb. can, \$10.00.

HORMODIN POWDERS

Stimulate Root Growth on Cuttings.

S-215 POWDER No. 1. The general purpose powder designed for the home gardener who propagates popular varieties as roses, carnations, poinsettias, some species of shrubs, and most home, garden, and greenhouse plants. Price, 1 ¼ oz. pkg., each, 50c; postpaid 60c; 1 lb., \$3.00, postpaid \$3.20.

S-216 POWDER No. 2. Prepared specially for propagating many woody and semi-woody types of plants, including some evergreens. Price 1 ¼ oz., 75c, postpaid 85c; 1 lb., \$4.50, postpaid \$4.70.

S-217 POWDER No. 3. Prepared specially for propagating the more difficult-to-root varieties, including many of the evergreens and dormant leafless cuttings. Price, 1 oz., \$1.00; ½ lb., \$4.50, postpaid \$4.65.

S-218 COMBINATION PACKAGE OF No. 1-2-3. For 75c, postpaid 85c.



S-421 LEAF-GLOW AEROSOL BOMB. Original spray for shining leaves. Contents 5 oz. Each \$1.00; postpaid \$1.15; 16 oz. each, \$2.25; postpaid \$2.45.

TREE WRAP PAPER



S-1543 Used by tree experts, nursery men and home owners, to help young trees to mature. For tree protection from rodents, rabbits and insects. Rolls, 4 inches wide about 155 ft. to a roll. Weight about 2 ½ lbs. Each, \$1.00, postpaid, \$1.25; 10 for \$9.00 via express collect.

Dusters and Sprayers

S-734 NEW DOBBINS "SEAL-LOX" OPEN HEAD COMPRESSED AIR SPRAYER.

The greatest value in air sprayers. For home gardeners, farmers, etc. Features: Safe, easy to open "Tilt-out" inner-seal tank closure; New adjustable "Thumb-O-Matic" shutoff; Has outside siphon hose; Seamless Tank Bottom, easier to wipe out and clean. Drawn tank bottom has no cracks, corners or seams to catch liquid or rust. Capacity 4½ gallons. Model 145A. Wt. 11 lbs. Each \$14.55; Postpaid \$15.50.



HUDSON No. 220C BUGWISER SPRAYER

S-718 Ideal for home, lawn and garden spraying. With safe-T-lock and adjustable nozzle. 3 gal. Galvanized tank. Welded seams. Weight 9 lbs. Each \$10.35. Postpaid \$10.95.



JIM DANDY CART SPRAYER

S-775 The king of all sprayers. The all around sprayer for lawns, vegetable crops, trees, shrubs, etc. Also a handy sprayer for factory or indoor use. Easily wheeled around.

Equipped with balloon tires and 12 ft. of ¾ inch high grade spray hose and automatic shut-off nozzle. 5 gallon capacity. Galvanized, price each \$50.59 Prepaid.

1 QUART PNEUMATIC HAND SPRAYERS

Many quality features include: all brass spray fittings, two spray nozzles (one straight, one angle spray), heavy gauge materials, well soldered construction. Slow steady pumping produces a powerful spray. Nozzle design gives correct droplet size for maximum staying power of insecticide. Useful too, for many light commercial uses as well as in the home.

S-784 GALVANIZED TANK. \$2.85; postpaid \$3.10.
S-786 TIN TANK. \$2.20; postpaid \$2.45.

BLIZZARD COPPER CONTINUOUS SPRAYER



S-800 Very durable, seamless brass pump, solid copper tank with adjustable nozzle for straight and underleaf spraying. Quart size, \$6.69, postpaid \$7.10.



S-703 ARNOLD GARDEN HOSE INSECTICIDE SPRAYER. Acclaimed by amateur gardeners and garden clubs as the easiest to operate, and the most labor-saving spraying device they have ever used to control garden insects and plant diseases in the home garden. Sprayer only each \$6.95; postpaid \$7.25.

CARTRIDGES FOR ARNOLD GARDEN HOSE SPRAYERS

S-120 We can supply a complete line of cartridges, Weedspray, Nicotine, Malathion, Captain, Methoxychlor, Lindane, D. D. T., Sulphur, Arsenate of Lead, Chlordane, Vitamin-B-1; and a combination Pyrethrum Rotenone Cartridge. Price three for \$1.25, postpaid \$1.35; doz., \$4.80, postpaid \$5.25.

S-121 ARNOLD WEED-O-SPRAY COMBINATION set consisting of 1 Plastic sprayer and 2 Weed-O cartridges. Price \$1.75, postpaid \$1.90.



Garden
Hose
Applicators

HAYES No. 6 SPRAYER

S-755 All Purpose Sprayer. Makes 6 gals. of mixed spray material at a time. Sprays liquid and most wettable powders, up, down, sideways, and high foliage. Attach to your garden hose. Gives you the efficient performance of heavy, expensive equipment. Operates on water pressure from 30 to 75 lbs. No moving parts to wear out or break. Each, \$9.95. postpaid \$10.50.

S-815 RECI-MIX 2 IN 1 SPRAY- ER. Model 243.

Works on your garden hose, sprays any liquid or soluble chemicals mixed with water, on plants. One sprayer for flowers, plants, shrubs, tall trees, and lawns. Equipped with two different nozzles instantly interchangeable. Has handy shut-off. Sprays Up—Down—to either side or full stream up to 30 ft. high. Price each \$4.95, postpaid \$5.25.

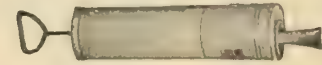
S-962 CENTROSPRAY RUBBER SPRINKLER

For sprinkling seedlings, plants, etc. and clothes. 8 oz. capacity, price ea., \$1.75; postpaid, \$1.90.



S-773 BRODSON PEST GUN. 6 gallon size. Best way to spread weed killer, foliage feeding fertilizers, or insecticides. Attaches to garden hose. Water pressure does the work. Fill jar with chemicals. Automatically adds water in the right proportions. On-off valve. Swivel hose connection. Each \$4.95; Postpaid, \$5.35.

FEENEY MODEL C DUSTER



S-742 Splendid Hand Duster. Each, \$1.85, postpaid, \$2.10.

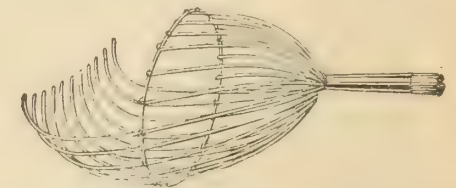
DOBBIN'S IMPROVED HAND DUSTER



S-731 Model 132. Exclusive—Perfect Design—best hand dusters for applying all dust insecticides, poultry inhalants. Permanently Lubricated Plunger Develops Maximum Air Blast... Thoroughly Agitating Dust... Gives Uniform Discharge, Positive Patented Air Valve... 3-way Dust Cap. Capacity 1 lb., equipped with two-way dust cap. Each \$3.20. Postpaid, \$3.50.

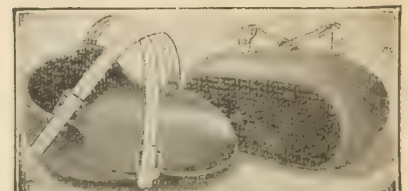
S-910 POLYETHYLENE PLASTIC SPRINKLING POT.

Capacity 8 quarts. Strong, durable, lightweight. It's less than half the weight of galv. cans. Chemical Resistant. Won't rust, chip or peel. Has removable screw-thread nozzle. Two handles for easy carrying, better grip when pouring. Comes in two attractive two-tone colors Yellow with black trim; Pink with black trim. Each \$3.98; postpaid \$4.35.



S-1913 WIRE FRUIT PICKER. Wire basket with extended "fingers" to simplify fruit picking. Fastens on to end of pole. Pole not included. Each \$1.00; Postpaid \$1.20.

KNEE PADS



S-1117 All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip down. Price, \$2.25, postpaid, \$2.45.

METAL LAWN SIGNS

S-1908 These attractive signs have raised letters, baked enamel finish, holes for attaching to stakes. Size, 3 x 12 inches. Colors, green on white. Sign wordings—Your Feet are Killing Me—Please — Seeded — Keep Off The Grass. Signs with stakes, each, 65c, postpaid 70c; six for \$3.30, postpaid \$3.55.

KEEP OFF
THE GRASS

Sprinklers—Sprayers and Soakers

S-960 SWAN PLASTIC HOSE No. 8500. Full $\frac{1}{2}$ inch. Guaranteed for 5 years. 25 ft. lengths \$3.25; postpaid \$3.60 each; 50 ft. lengths \$4.95 each; postpaid \$5.45.

S-945 RAIN KING MODEL K. Automatic, new, sensational sprinkler that you can set instantly to sprinkle any size circle 5 to 50 ft. by simply turning the button on top of the sprinkler. Price each, \$9.95; postpaid \$10.35. Shipping weight, 5 lbs.



MODEL K

RAIN KING TRAVELING SPRINKLER Model K20

S-948 Fully automatic, can be set to sprinkle areas 5 to 50 feet wide as it travels, straight or around corners. Will travel up to 125 feet. Price each, \$39.95, postpaid \$40.75. Shipping weight 9 lbs.



ROSS SQUARE SPRAY HEADS



BUTTERFLY SPRINKLER

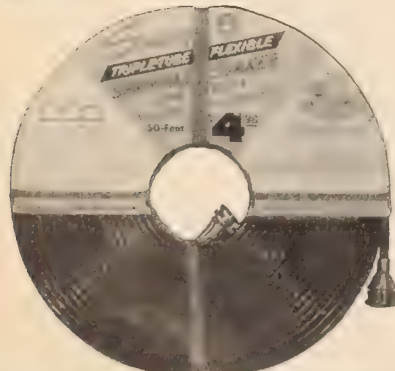
S-935 Cheapest and best sprinkler made. Head only. Sizes $\frac{3}{8}$ ", $\frac{1}{2}$ ", and $\frac{3}{4}$ ". Each, \$1.50; postpaid, \$1.60.

S-938 Mounted on 2 ft. stand complete, ea. \$3.75; postpaid \$4.10; 4 ft. complete, each \$4.25; postpaid, \$4.75; 6 ft. complete, each \$4.95 via express collect.

ROSS No. 10 HAND SPRINKLER



S-953 Preferred by nursery men and home owners alike. Capacity 13 gallons per minute. Do not compare with cheaper imitations. Each, \$1.50; postpaid, \$1.65.



S-971 SWAN MODEL 20 TRIPLE TUBE SPRINKLER SOAKER. Improved, super strength plastic, green finish. Water channels are larger "hole growth" eliminated, and greater sprinkling and soaking achieved at lower water pressure. Special inserts where water enters tubes balance water flow perfectly to each tube, thus preventing tube collapse and uneven water distribution the length of the soaker. 25 ft. each \$3.25; postpaid \$3.50. 50 ft. each \$4.98; postpaid \$5.35.



AVON MODEL No. 950 DIAL-A-MATIC OSCILLATOR SPRINKLER

S-901 Now you can DIAL the coverage you desire. Its jet controlled spray thoroughly waters an area up to 2400 sq. feet. Each, \$13.95, postpaid \$14.40.

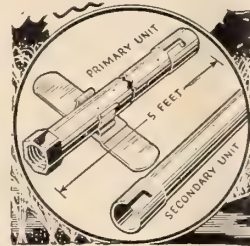
S-785 PARK SPRINKLER MODEL 911. Gives even coverage up to 50 feet. Operates on either low or high pressure. Steel spike 7 inches long holds sprinkler in position. Each \$2.95; postpaid \$3.20.



SHERMAN LEVER-LOCK HOSE NOZZLE $\frac{3}{4}$ "

S-944 Has exclusive Magic Loc, you can lock the nozzle at any desired position, from a mist spray to a flushing stream. Polished chrome plate stainless steel, 100% rustproof. Each \$1.50; postpaid \$1.65.

NATURAIN PERFORATED PIPE



Made of durable aluminum and stainless steel. Each section 5 ft. long, weighs less than a pound. Ordinary pressure will throw water 20 ft. in 30 ft. lengths.

S-942 PRIMARY UNIT only. Comes complete with end cap and adjustable stand. Use any number of SECONDARY UNITS with one primary unit according to size of lot and water pressure. Each, \$2.95; postpaid \$3.15.

S-942A Secondary Units, each, \$2.75, postpaid \$2.95.

S-975 WATER WAND. Watering shrubs, flowers, and trees is a simple job with waterwand; no danger of washing away the rich top soil. Ea., \$4.00; postpaid \$4.35.



G. S. MASTER SPRAYER

S-746 G. S. "MASTER" SPRAYER. For spraying Flowers, Vegetables, Lawns, Trees, Shrubs, Barns, Poultry Houses, Shading Greenhouses, Disinfectants, and a thousand and one other uses. 100% Brass, all parts machined. Equipped with an adjustable nozzle, brass goose neck extension for getting under foliage. Will easily throw a spray stream 35-40 feet, and with a twist of the wrist produce a mist-like spray. Each, \$9.95; postpaid \$10.50.

S-747 G. S. "JUNIOR" SPRAYER. An exact take off of the "Master" except that it is smaller in design. Each \$7.95; postpaid \$8.25.

ELKAY NOZZLE S-912

From a powerful jet to a softest mist at the tip of your finger. Precision built. Non-corrosive instant shutoff. Ea., \$1.69. Postpaid \$1.85.



CANVAS SOIL SOAKER

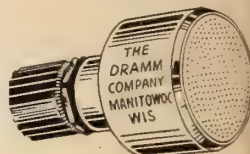


S-968 Soil Soaker for deep soaking, the water method approved by agricultural colleges and nurseries, now available for home use. Equipped with regular hose connection for attaching to hose or pipe.

No. 0, 12 ft. \$2.10, postpaid \$2.25
No. 1, 18 ft. 2.85, postpaid 3.05
No. 2, 30 ft. 4.10, postpaid 4.30
No. 3, 50 ft. 6.50, postpaid 6.80

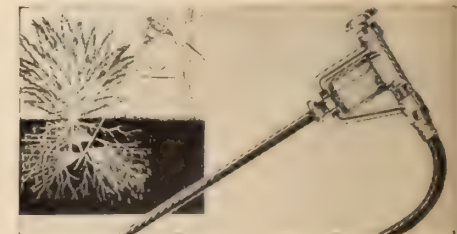
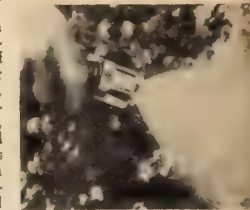
S-974 No. 400 WATER BREAKER.

This is the answer to the florist's problem for an all purpose watering gadget. It will do most any watering job. This breaker has 400 $\frac{1}{2}$ inch holes in it. The four hundred tiny streams of water are concentrated in a small area, consequently speeding your watering job. Each, \$2.00; postpaid \$2.10.



S-965 FOGG-IT NOZZLE.

Garden fog nozzle breaks water into a fine mist of a fog-like spray for watering seed beds, new plantings, newly-seeded lawns, young plants, and all tender plants. Works efficiently with high or low water pressures on any standard garden hose. Will not wash away seeds, soil, or fertilizer. Has $\frac{3}{4}$ " connection. Each \$1.95; postpaid \$2.05.



S-794 NEW IMPROVED ROSS ROOT FEEDER.

Has triple duty Cartridge Chamber. Holds 1, 2, or 3 cartridges. When water is applied to the soil surface it does not sink in, but stays at the top until the soil there is saturated. It takes lots of water eventually to reach the root area of trees, shrubs, and other deep rooted plants. With the Ross Root Feeder you can place every drop down where deep roots will get it, right away. Instant aid to drouth suffering plants, irrigates and feeds at the same time. Feeder with complete instruction booklet and a package of 12 All Purpose Plant Food Cartridges for \$6.98. Postpaid for \$7.40.

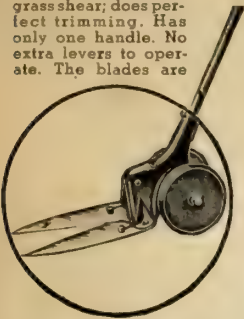
Extra Cartridges
S-795 Rose (Plus Iron cartridges) Analysis 15-25-10
S-796 Starter cartridges. Analysis 10-20-20
S-798 All-Purpose cartridges. Analysis 8-16-8. Either package of 12 cartridges for \$1.00, postpaid \$1.15.
S-799 Ross Soil Corrective cartridges, contains chelated iron, analysis 5-35-10 package of 12 cartridges for \$1.50; postpaid \$1.65.

Lawn Trimmers and Cultivators

Write for Price and Leaflets
on Power Mowers, and Lawn
Sweepers, Hand and Power.

DOO-KLIP GRASS SHEARS

S-1015 Long handle grass shear; does perfect trimming. Has only one handle. No extra levers to operate. The blades are



made of case hardened, rust resisting steel. Easily opened for sharpening by removing one nut. Model DK303. Price, \$4.95; postpaid, \$5.50.

S-1016 MODEL DK202. Short handle. Price each \$2.50 postpaid \$2.75.

LAWN & GREEN AERATOR

For the Aeration
and Conservation
of Lawns and
Putting Greens

**SPRING • SUMMER
FALL**

S-503 MODEL 8, 8 discs, each 10 inches in diameter, rolling width 16 ins. Net weight 32 lbs. Tray is provided so weight may be added. Each \$21.00. Hitch for attaching 8 cultivator to most power mowers, \$6.00



S-1115 ROWE'LEZY "DE-LUXE" ALL PURPOSE LAWN & GARDEN EDGER. Model 100 instead of shears to clip the grass near walks, beds, borders and other edges which lawn mowers cannot reach, Rowe'Lezy (roll easy) will do it faster and better. One turn of the rubber tired driving wheel is equal to 16 snips with the shears in your weary hand. It works forward and backward on your left or right, and where lawn is above or below a walk. It will save you hours of the most tedious lawn task. Each, \$5.65, postpaid \$6.10.

S-1154 ROWE'LEZY "SUPER" EDGER AND TRIMMER. Model 200. Has two wheels. Dual wheels give extra traction and stability. Each \$6.65; postpaid \$7.10.

HANDY CRAB GRASS RAKE

S-1013 This rake is formed so that the teeth pull flat on the sod; thus they get under the branches of the Crab Grass. Shear off the entire head of the plants and keep them from further seeding, \$2.75; postpaid \$3.25.



USE EROSIONET

For New Lawns, Weak Lawns, and Stubborn Terraces



ance, grass and clover soon rendering it almost invisible. Can be removed when grass becomes 2 1/2 in. high. Width, 45 inches. Price per yd., 30c; 25 yd. lots, 28c per yd.; 100 yd. lots, 26c per yd.; rolls of 250 yds., 23c per yd.

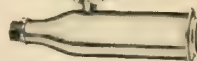
S-1605 Made of strong open mesh fabric, will hold your seed and sod firmly in place, prevents wash-outs, does not present an unsightly appearance.



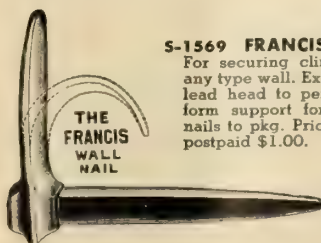
S-723 JACKSON LAWN SPRAYER. The best controlled applicator for liquid fertilizer, insecticides and weed killers. Has interlocking non-flex handle. Scientifically tested and proved to be the best applicator on the market. The only applicator with a controlled rate of flow for efficiency and economy: one gallon of liquid will cover 3000 square feet regardless of how fast the lawn sprayer is pushed. The only applicator which stops spraying automatically when movement of the sprayer ceases, thus providing a safety factor when applying concentrated chemicals. The nozzle on the 3 1/2-gallon tank is calibrated to produce a non-mist spray with a five foot spread. Built in strainer minimizes clogging. Shipping weight 24 lbs. Each, \$22.95. Express collect.

DONALDSON RACKET ROBBER FOGGER KIT

S-753 You can use your power mowers to spray the entire yard with highly effective insecticide. Fits any 4-cycle reel or rotary mower up to 2 3/4 H.P. Muffles motor noise and racket. Kills mosquitoes, flies, gnats with heavy fog. Screws on in seconds. Not harmful to humans, animals, flowers, trees, shrubs or grass. Fits Briggs-Stratton, Clinton and other single cylinder engines with 1/2" exhaust. Kit consists of 1 pint insecticide, 1 mixing valve, and 1 racket robber muffler. Model X340. Price per kit, \$6.95, postpaid \$7.25. Extra fogging insecticide for above, 1 pt. can for 79c, postpaid \$1.00; 1 gallon for \$2.98, postpaid \$4.00.



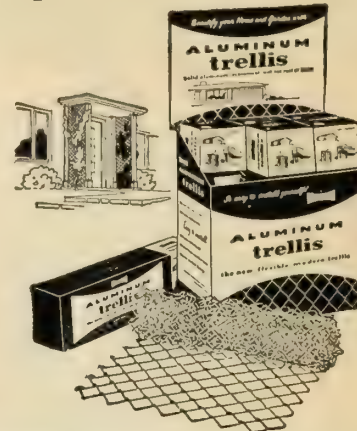
S-1569 FRANCIS WALL NAILS. For securing climbing plants to any type wall. Extra hard nail has lead head to permit bending to form support for vines etc. 20 nails to pkg. Price per pkg. 85c; postpaid \$1.00.



ALL PRICES SUBJECT TO CHANGE
WITHOUT NOTICE



S-1653 TAHITIAN GARDEN TORCH MODEL 301. A very fine and festive appearing torch for garden, barbecue, drives, beaches, etc. Burns kerosene oil for 30 hours without refilling. Black finish-made from steel. 6 foot steel post in 3 sections, 7/16" thick, 12 inch long wick. Simple to assemble. No bolts, nuts or screws. Shipping weight 8 lbs. Each \$6.00; postpaid \$6.50.



NICHOL'S ALUMINUM ROLL TRELLIS. Attractive Lustre-Brite, silver-like finish accents the beauty of flowers and vines. Never rusts or needs painting. Lasts indefinitely. Easily installed. Packaged in rolls T10—10 ft. long, 2 ft. wide, and T25—25 ft. long, 2 ft. wide. 25 ft. continuous roll is sufficient for making 2 to 6 trellises. **No. S1585** T10, each \$5.95; postpaid \$6.50. **No. S1585A** T25, each \$13.50, postpaid \$14.50.

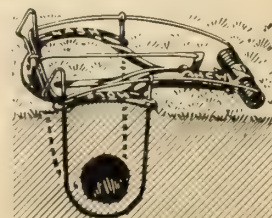
**NICHOLS ALUMINUM GRASS-STOP
KEEPS GARDENS AND WALKS
CLEAR OF SPREADING GRASS**



NICHOLS NEVER STAIN HEAVY ALUMINUM GRASS STOP. .016 gauge. The only Grass Stop guaranteed by Good Housekeeping Magazine. Has turned safety edge. Rustproof—Lasts indefinitely. Keeps grass roots from spreading into flower beds, trees, sidewalks, shrubs, and driveways. Model G4 is one continuous roll, 4 inches wide. Model G8, is one continuous roll, 8 inches wide. **S-1584** Model G4-4 inch for \$3.98; Postpaid \$4.30. **S-1584A** Model G8-8 inch for \$8.35; Postpaid \$8.90.



S-1937 NEW CRABBO BLADE. Fits any 17" or larger rotary mowers. Destroys Crab Grass. Does not harm upright or desirable grasses. Lifts Crab Grass. Also removes Chickweed and Ground Ivy etc. Easily installed. Price each \$4.95; Postpaid \$5.25.



S-1108 NASH CHOKER-LOOP MOLE TRAP. This trap catches the mole in all kinds of ground. Price, each, \$3.25, postpaid \$3.50.

For Planting, Pruning and Protecting



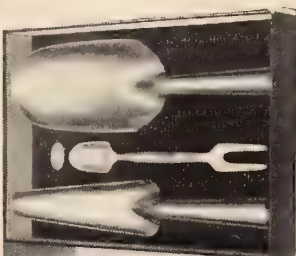
NO BLISTER TROWEL

S-1141 Scientifically designed to prevent blisters. Curved handle with velvet grip fits the hand and is kind to the palm. Metal is rustproof. Each, \$1.35; postpaid, \$1.50

MELCO FEATHERLIGHT SET

POLISHED

S-1093
Set of 3 for
\$3.95,
postpaid
\$4.25.



A handy Gift Kit

Made of cast aluminum as strong as steel, these tools are light as a feather, and moulded to fit your hand. They are rust-proof, and easily cleansed.



S-1178 CRAB JACK the Lever-Action Weeder. The sure way to eliminate crabgrass, Plantain, Dandelion and other lawn pests. Just insert in root crown and press down. Each .79c postpaid .95c.

GARDEN CLUB ROSE AND FLOWER HOLDER SHEAR



S-1028 Sturdily constructed of rustless, stainless cutlery steel. Each \$2.50, postpaid \$2.70



S-1125 SNAP CUT PRUNER. Model 119. Heavy duty, full polished. \$3.25; postpaid, \$3.50.



S-1033 SNAP CUT HEDGE SHEAR with Tension bar. Insures clean, easy hedge trimming. The blade tension bar provides proper tension between blade cutting edges. The shock absorber extension takes up the shock and makes it easy on wrist and arm. Has 9 inch blade. Model 154-9 each \$5.25; postpaid \$5.60.



WESTERMAN PROFESSIONAL IMPORTED GERMAN PRUNING SHEAR

Hot forged of high carbon steel. Long lasting cutting quality. Ratchet holds lock-nut in place.

S-1058 Model 84-8 inch, each \$4.80, postpaid \$4.95.
S-1059 Model 84-9 inch, each \$5.30, postpaid \$5.50.

J. A. HENCKEL'S TWIN BRAND IMPORTED PRUNING SHEARS



Made in Germany.



S-1048B Model A200—8¼ inch full polished with replaceable blades. Each, \$8.75, postpaid \$9.00.

S-1048C Model A210—9¼ inch, each, \$9.25, postpaid \$9.50.



IMPORTED PRUNING SHEARS

S-1071 These are of finest quality Italian steel, fully polished, with ratchet and lock-nut for tightening. Each \$1.85; postpaid \$2.00.

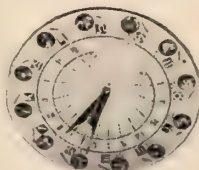


SEYMOUR SMITH ROCKDALE LOPPING SHEARS. Popular, low priced but high quality pruner. Cutting parts of tool steel; hardened, ground edges. Shaped ash handles. Steel ferrules. Cuts 1¼" branches.

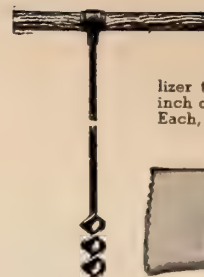
| Cat. No. | Size | Model | each | postpaid |
|----------------|--------|-------|--------|----------|
| S-1128 | 16 in. | 045 | \$3.50 | \$3.85 |
| S-1128A | 22 in. | 45 | \$3.95 | \$4.30 |
| S-1128B | 30 in. | 48 | \$5.00 | \$5.40 |

S-1035 TURF KING TRIPLE CHROME GARDEN TOOLS. Model DS. Lifetime matched garden tools made of finest hardened steel with three layers of rustproof protection in a handsome foil covered gift box. Lifetime durability. Contains 5 useful garden tools. Standard trowel, Transplanting trowel, Dandelion Weeder, 3 prong Cultivator, and Crab Jack Weeder. Price per set \$4.95; Postpaid \$5.25.

S-1936 ZODIAC SUN DIAL. 12" in diameter, made of heavy anodized aluminum with dial face and Zodiac signs and dates "baked on" in a weatherproofed finish. Complete with two indicators, one for use in the Northern half of the United States, the other for the Southern half. Included are screws for attaching proper indicator, mounting bracket for lawn installation, and directions for mounting and use in and outdoors. The garden lover will revel in the "near accuracy" of this ancient time piece. With the addition of the Zodiac signs and dates it can also be used as an interesting wall plaque in a den, recreation or sun room. Available in three anodized colors, natural, copper and gold and baked enamel—(White on Black). Each individual gift boxed. Price each \$5.95; Postpaid \$6.25.



GREENLEE EARTH AUGER



S-1004 Especially adaptable for drilling holes for feeding fertilizer to trees and Evergreens. 2 inch diameter length 40 in. Each, \$6.00. Postpaid \$6.35.



NEW IMPROVED GREEN THUMB GLOVES

S-1019 Soft, washable for garden and house use. Ladies small, medium and large. Specify size when ordering. Price per pair, 98c; postpaid \$1.05.

S-1014 Men's size, pair 98c; postpaid \$1.05.



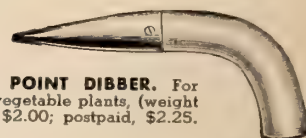
S-1042 Made of imported leather processed to make it pliable as kid and washable. Sizes for women, Small, Medium, Large, \$1.60; postpaid \$1.70; for men, Medium and Large, \$1.75; postpaid \$1.85; a pair.

HOLE-IN-ONE BULB AND PLANT SETTER

S-1068 Make a hole in one operation. Simply cut the tool into the soil, remove it with a twisting motion, and with the tool comes a plug of soil, leaving a perfectly flat bottomed hole. Small, hand tool for cultivated soil. Each, \$1.00; postpaid, \$1.15.



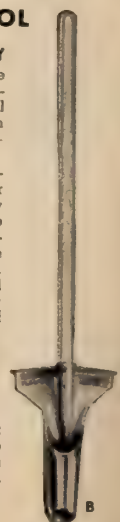
S-1136 STEEL POINT DIBBER. For transplanting vegetable plants, (weight 10 oz.). Each \$2.00; postpaid, \$2.25.



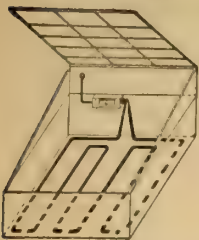
THE JIFFY PLANTING TOOL

(A) S-1049 THE JIFFY PLANTER, which one can use in a standing position, is a sturdy practical addition to one's garden tools. Built to give a lifetime of service.

It is made of strong durable steel with a tubular steel "T" handle. It easily cuts a cylindrical hole up to ten inches deep depending on the pressure put on the angle foot bar. A slight twist and the tool draws out the soil leaving an ideal hole for setting of bulbs and plants, and automatically pushes the soil from the cylinder with each succeeding insertion. Bulbs and plants can be planted to correct and uniform depth without leaving air spaces as so often happens when a trowel is used. Each, \$3.25; postpaid \$3.60.



(B) S-1050 QUICKIE PLANTER. Made of heavy gauge steel with a hardwood handle, overall length 40 inches. It is a tapered cylinder designed to permit automatic ejection of earth; the cutting edge for easy digging, a heavy foot bar flange for comfortable operation. Takes the backache out of planting. Each \$2.25; postpaid \$2.60.

Electric Seed Bed HeaterFor use **ONLY** in damp soil or water

S-1626 Soil heating cable and thermostat. Jr. package contains thermostat and 40 ft. 200 watt cable for 3x6 ft. hot bed or 20 square ft. of cold frame. Price \$6.75, postpaid \$5.90. Sr. package contains thermostat and 80 ft. 400 watt cable for 6x6 ft. hot bed or 40 square ft. of cold frame. Price \$9.00; postpaid \$9.20; Jr. cable only price \$2.25, postpaid \$2.40; Sr. cable only price \$4.50; postpaid \$4.65. Write for leaflet.

**TAYLOR THERMOMETERS
MODEL 5703**

S-1638 HOTBED. All glass, each, \$2.75; postpaid \$3.00.

SPHAGNUM MOSS**S-1923 NODAMPOFF
SPHAGNUM MOSS.**

Sphagnum moss is a sterile material containing antibiotic qualities. Fungi and bacteria cannot live in it. By sowing seed in a thin layer of this moss spread over the soil in the pot or flat, damping off is prevented. Cuttings rooted in sphagnum are easily transported and transplanted without disturbing their roots. This moss is horticultural grade, milled ready for use. Package, 89c; postpaid \$1.05. 2 bushel bag for \$3.75; postpaid \$4.35.

S-1807 Coarse Sphagnum

Moss in burlapped bales.

Ea., \$4.50 via express collect.

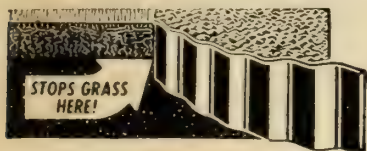
S1627 PLASTIC SEED SOER. Seeds visible as sown. Will sow any seed from peas to petunias. Each 29c; postpaid 40c.

SEED SOER 29c
SAVES SEED

PEAS TO PETUNIAS

**GRAFTING WAX**

S-212 Has many uses unexcelled for use in painting cuts, and bruises, and after trimming also for grafting and budding. 1/4 lb. bar 50c; postpaid 55c; 1/2 lb. bar, 65c; postpaid 80c; 1 lb. bar, 95c; postpaid \$1.20.

**NO-SEE GRASS BARRIER
LAWN EDGING**

Guaranteed 15 years against rust failure. Maintains lawn edges perfectly... permanently. Made of strong hi-tensile galvanized steel won't crush, crumple or collapse. Bars grass, weeds & roots from creeping around trees & bushes, fences & hedges, paths & drive-ways, flower beds and many other uses. Easy to install; Just drive down to soil level. Saves back-breaking hand trimming. Corrugated for easy installation. Put up in 2 different lengths 4 inches wide.

S1568 Per package of 40 ft. (20-2 ft. individual strips) for \$4.98; postpaid \$5.60.

S1588 Per package of 40 ft. (one continuous roll with new rolled safety edges) for \$4.98; postpaid \$5.40.

S418 MAGIC STUMP

REMOVER. All you do is pour "Magic" Stump Remover—a new, quick-acting chemical compound—into hole drilled in center of stump. Wood fibres soon decompose all way to root tips, making removal easy... even for women and youngsters! 8-oz. Can (enough for one stump)—\$1.50; postpaid \$1.65. 16-oz.—\$2.50; postpaid \$2.75. 3 lbs. \$5.00; postpaid \$5.40.



**Satisfaction
Guaranteed!**

HOTKAPS

Start your Garden Earlier
this year—with HOTKAPS

S-1618 HOTKAPS. Completely protects plant from frost, storms, wind, sun and insects. A sturdy little "greenhouse" made of glastex paper. Gain as much as 3 weeks in ripening crops. Increase yields.

HOME GARDEN PACKAGE WITH SETTER for \$1.05; postpaid \$1.25.

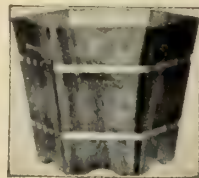
CARTON OF 100 HOTKAPS WITH FIBREBOARD SETTER for \$4.60, postpaid \$5.10.

CARTON OF 250 HOTKAPS WITH FIBREBOARD SETTER for \$7.50; postpaid \$8.25.

CASE OF 1000 HOTKAPS for \$22.50; express collect.

STEEL HOTKAP SETTERS ea \$2.15; postpaid \$2.50.

Fibreboard Setter ea 25c; postpaid 30c.

**BEAUTIFUL CALIFORNIA PLANTUBS
MADE OF REDWOOD**

S-1432 For utility and beauty in any garden, impregnated with linseed oil to preserve natural beauty of wood. Rounded top and bottom edges to prevent splintering. Made of well seasoned California redwood. Bound with brass bands. Ventilation under tub. All tubs octagonal design. 10 & 12

inch mailable; all other sizes via express collect.

| Model | Top Diameter | Inside Height | Weight lbs. | Each |
|-------|--------------|---------------|-------------|-------------------------|
| 010 | 10 in. | 8 in. | 4 | \$3.65; postpaid \$4.10 |
| 012 | 12 in. | 9 in. | 5 | 4.50; postpaid 5.10 |
| 014 | 14 in. | 11 in. | 8 | 6.00 |
| 016 | 16 in. | 13 in. | 12 | 7.50 |
| 018 | 18 in. | 15 in. | 14 | 8.60 |
| 020 | 20 in. | 17 in. | 16 | 10.75 |
| 024 | 24 in. | 17 in. | 20 | 12.00 |

**GREEN WOOD PLANT & FLOWER
TUBS**

S-1433 Made of the finest lumber, securely bound with welded wire hoops. Painted green.

| Top Dia. | Depth | Price | Post- paid |
|----------|--------|--------|------------|
| 7 in. | 6 in. | \$1.85 | \$2.25 |
| 8 in. | 8 in. | 2.00 | 2.50 |
| 10 in. | 9 in. | 2.45 | 2.95 |
| 12 in. | 11 in. | 3.50 | 3.95 |
| 14 in. | 13 in. | 5.50 | 5.95 |
| 16 in. | 15 in. | 6.60 | 7.25 |

**GREEN RUBBER SAUCERS****S-1434**

Green Rubber unbreakable saucers. Has an absorbent center pad which feeds water back to the roots of the plant. Underside of tray is raised to provide ventilation.

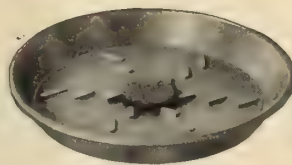
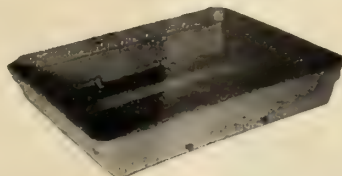
No. 1, bottom width 4 inches, price each, 40c; postpaid 45c.

No. 2, bottom width 6 inches, price each, 80c; postpaid 85c.

No. 3, bottom width 8 inches, price each, \$1.60; postpaid \$1.70.

No. 4, bottom width 10 inches, price each, \$3.25; postpaid \$3.45.

No. 5, bottom width 12 inches, price each, \$4.75; postpaid \$5.00.

**SEED FLATS FOR HOME GARDENERS**

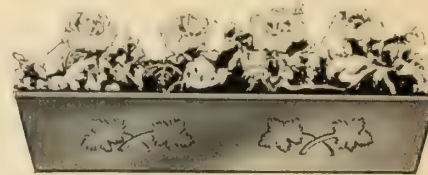
S-1629 The size required for a practical seed flat is combined with lightweight and economy in this sturdy water-proof and durable flat of thick, moulded, impregnated fibre board. Do not confuse it with the too-small, flimsy type which may have disappointed you. Measuring 10 x 12 inches, it is 2 1/2 inches deep, adequate for plant bands. It weighs 4 ounces empty, is easy to handle when full of soil, and will last unimpaired through the growing season. It comes to you clean, free from insects and disease, and ready to use. Price per carton of 10 flats \$2.75, postpaid \$3.25.



For home growers. Made of thick polystyrene. They are easy carrying, lightweight but sturdy. One tray will outlast 10 wood seed flats. Controlled drainage—drill out drain embossments as desired. Ideal for starting flowering plants and vegetables, indoors. Will never rot or rust. Sold in original cartons only. Color light green only.

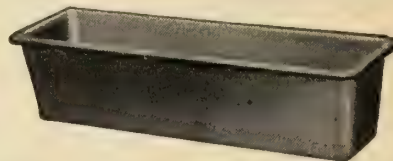
S-1442, 12 x 8 x 2 1/4, per carton of 12, for \$7.08; postpaid \$7.50.

S-1443, 22 x 11 x 2 1/4, per carton of 6, for \$11.88; postpaid \$12.50.

**De Luxe Flower and Plant Boxes**

S1436 All steel, leakproof. Finished in standard green, 7 1/2 inches wide, 5 inches deep. Features built-in drainage plate. Rolled edge makes it sturdy.

| | |
|--------------|-------------------------------|
| 18 inch..... | each, \$1.50, postpaid \$1.75 |
| 24 inch..... | each, \$1.75, postpaid \$2.00 |
| 30 inch..... | each, \$2.00, postpaid \$2.35 |
| 36 inch..... | each, \$2.50, postpaid \$2.90 |

**S-1402 FIBER GLASS FLOWER AND PLANT**

BOXES. Molded of Fiber Glass Reinforced Plastic. Can't leak, rust, rot or warp. Never needs painting. Will outlast steel and wooden boxes. Comes in three colors: Garden Green, Black, and White. 18 inch each \$2.70, postpaid \$3.00; 24 inch each \$3.15, postpaid \$3.50; 30 inch each \$3.55, postpaid \$3.95; 36 inch each \$3.98, postpaid \$4.60.

KORDIMULCH

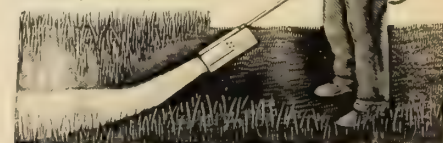
S-1930 Kordimulch is a tough, long lasting polyethylene film containing Polium specially formulated for gardening. Colored to look like rich soil. Kordimulch is carefully perforated to permit water to reach the soil. Simple and easy to apply. Spread over soil, and hold in place with small scoops of dirt along the edges. Stops weeds from growing. Saves up to 50% more water—holds water in soil. Absorbs sunlight—raises soil temperature to make seeds germinate faster. It is safe—non-toxic. Roll contains 104 lineal ft. 40 inches wide. Price per roll \$5.95; postpaid \$6.40.



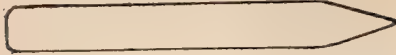
S-1911 SIEVES. For sifting soil. 18 inches in diameter, sizes 1/8, 1/4, 3/8, and 1/2 inch. Specify size when ordering. Each, \$4.50. Postpaid, \$4.85.

S745 FLAME SPRAYER**BURNS-HEATS-THAWS
AND DISINFECTS.**

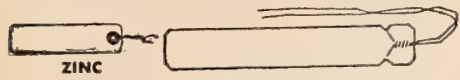
General utility torch indispensable on the farm, garden, barn, etc., handy for cleaning out irrigation ditches, removing weeds and destroying insect pests. 4 gal. heavy all-welded (not riveted or soldered) corrugated fuel and air tank tested to 60 lbs.; burns kerosene, range oil, stove or light furnace oil. Price complete, \$36.45 (weight, 15 lbs.).



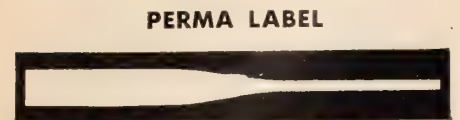
S-1508 WOOD POT LABELS PAINTED.



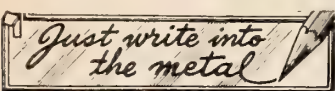
- 4-inch by 5/8-inch wide, 100, \$1.00, postpaid \$1.15; 1000, \$5.50, postpaid \$5.80; 6-inch by 5/8-inch wide, 100, \$1.25, postpaid \$1.40; 1000, \$6.50, postpaid \$6.85; 8 in. by 5/8-inch wide, 500 for \$4.75.
- S-1510 12 inch by 1 1/2 inch wide. 100, \$2.75, postpaid \$3.00; 1000, \$25.00 via express collect.
- S-1541 WOOD TREE LABELS, COPPER WIRED. 3 1/2 in. 100 for \$1.20, postpaid \$1.35; 1000, \$6.60, postpaid \$6.95.



- S-1515 Zinc tree labels copper wired. 3 3/4 inches long 5/8 inch wide. Price, pkg. of 25 for 85c; 100 for \$2.60, postpaid, \$2.75.

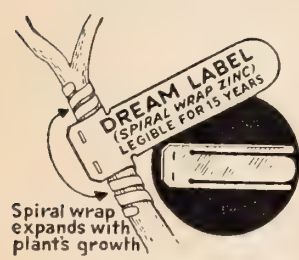


- S-1512 They can be tied around twig or limb with one loop. Made of soft zinc, should last permanently. Price, per 100, \$1.50, postpaid \$1.60; 500 for \$7.00, postpaid \$7.25.



- S-1563 PERMATAG ALUMINUM MARKERS. Rust-proof; always legible. Price per package of 24 labels for 29c, postpaid, 35c.

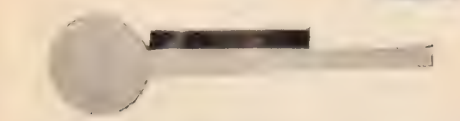
DREAM SPIRAL WRAP LABELS



- "Kit" size (average garden size) contains 24 Labels, with ample Etchant ink and applicator @ 85c ea.; postpaid \$1.05.
- "50 UNIT" size (for 50' x 100' premises) contains 50 Labels, 1 oz. Etchant and applicator @ \$1.60 ea.; postpaid \$1.80.
- "100 UNIT" size contains 100 Labels Etchant and one applicator @ \$2.85 ea.; postpaid \$3.05.

- S-1544 New handy plant tie. A twist of the wrist and a plant is tied. They are dark green so they blend with the foliage. No twine, raffia or shears needed. Handy for tying tomatoes, peonies, dahlias, etc. 8-in. size, package of 100 for 29c, postpaid, 35c. 16-in. size, pkg. of 100 for 57c; postpaid, 65c. 250 ft. continuous roll, each \$1.00; postpaid, \$1.15.

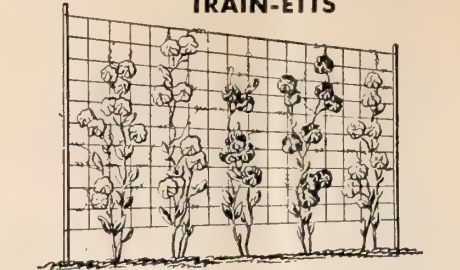
- S-1511 MARK IT PLANT MARKERS. For Flower and Vegetable Gardens, Rock Gardens etc. Made of molded-durable plastic. Attractive grey-green color. 5 inches high and 2 square inches of writing space. Ordinary lead pencil writing will last for years. Anchors prevent labels from turning. Package of 25 labels for \$1.50, postpaid \$1.60. Package of 100 labels for \$5.00, postpaid for \$5.35.



- S-1548 NEW SEEDMARC GARDEN MARKER. Made of plastic in yellow and white. Five of each color to a package including marking pencil 8 3/4 inches long. The ideal marker for garden, flower bed, seed box, etc. Per package of 10 labels, 49c; postpaid 65c.



- Adjusto Plant Support
- S-1501 Has a unique self-locking adjustable feature causing the loop to positively stay where put, yet it can be instantly adjusted to any height desired. The heavy green painted wood stake 3/4 inch square will stand firmly in the ground. The hoop is of 7 gauge galvanized wire, 13 inches in diameter. Effectively used on every flowering bush, shrub, or plant you own. Invaluable for peonies, delphiniums, dahlias, asters, roses, sunflowers, golden-glow, tomatoes, and such small fruit as raspberries, blackberries, etc. 3 ft., doz., \$4.95; 4 ft., doz., \$5.60; 5 ft., doz., \$6.20; extra wire hoops, doz., \$2.50, via express collect.



- S-1437 New weatherized trellis netting. Ideal support for Sweet Peas, Morning Glories or any of the light climbing vines. Made in three sizes. Model F-24, 5x6 ft. each 75c; postpaid, 85c. Model F-25, 5x8 ft. each 95c, postpaid, \$1.05. Model F-26, 5x15 ft. each \$1.35; postpaid, \$1.45.

- STAKES
- S-1539 STAKES—HEAVY TONKIN. Natural Color Heavy weight bamboo, entire stake same weight; do not taper. Ideal for roses, dahlias, young trees, tomatoes, etc.

| Length | Diameter | Doz. | 100 | F.O.B. N.Y. | F.O.B. Chicago |
|------------|-----------------|--------|--------|-------------|----------------|
| 4 ft. | 1/2 to 3/4 inch | \$1.75 | \$9.50 | \$2.00 | \$10.00 |
| 5 ft. | 1/2 to 3/4 inch | 2.20 | 12.25 | 2.50 | 13.00 |
| 6 ft. | 1/2 to 3/4 inch | 2.50 | 14.00 | 2.75 | 15.00 |
| 7 ft. | 1/2 to 3/4 inch | 3.00 | 18.00 | 3.00 | 18.00 |

- S-1561 ROUND HEAVY WOOD STAKES. Painted Green for Dahlias, Tomatoes, etc. Per doz. Per 100
- | | | |
|------------|------|-------|
| 3 ft. | 4.00 | 39.40 |
| 4 ft. | 4.95 | 36.75 |
| 5 ft. | 6.10 | 45.00 |

- S-1562 ROUND LIGHT WOOD STAKES (for smaller plants). Painted green.
- | Doz. | 100 | Doz. | 100 | | |
|----------------|--------|--------|----------------|--------|---------|
| 1 1/2 ft. | \$0.80 | \$4.95 | 3 1/2 ft. | \$2.50 | \$16.40 |
| 2 ft. | 1.10 | 7.85 | 4 ft. | 2.95 | 19.20 |
| 2 1/2 ft. | 1.50 | 11.75 | 5 ft. | 3.50 | 24.75 |
| 3 ft. | 1.80 | 13.50 | | | |

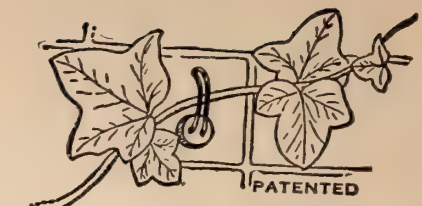
- S-1502 STAKES—BAMBOO. Painted Green.
- | 100 | 1000 | 100 | 1000 | | |
|--------------------------------|--------|--------|----------------|--------|---------|
| 1 1/2 ft. | \$1.35 | \$6.50 | 3 ft. | \$1.95 | \$12.25 |
| 2 ft. | 1.50 | 8.50 | 3 1/2 ft. | 2.35 | 14.25 |
| 2 1/2 ft. | 1.75 | 9.95 | 4 ft. | 2.50 | 15.95 |
| Bamboo not painted, 6 ft. | | 3.25 | | 27.50 | |



- S-1506 EXTENSION TRELLIS OR FENCE, painted white. Stretches and contracts, it is inexpensive. Has many uses for trellis or fencing. Bends easily around corners, and folds when not in use. No. 22-8, can be expanded from 3 to 9 ft. long, from 15 to 29 in. high, weight, 3 1/2 lbs., each \$3.60. Postpaid \$3.95. No. 30-10 can be expanded from 3 to 14 ft. long, from 15 to 39 in. high, weight 4 1/2 lbs., each \$4.40. Postpaid \$4.75. No. 44-12 can be expanded from 3 to 16 1/2 ft. long, from 15 to 59 in. high, weight 8 lbs., each \$8.25 via express only.



- Ornamental Lawn Fans
- Most popular and inexpensive. Are most substantially built. Made of redwood and painted white.
- S-1513 Model 360—Height, 72 in. Spread, 44 in. Price, each, \$2.35.
- S-1514 Model 389—Height, 89 in. Spread, 54 in. Price, each, \$3.00.
- Too large for mailing, express only.



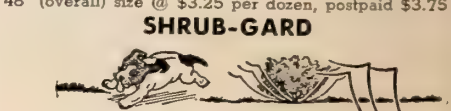
- Wayward Vine Guide and Support
- S-1547 For Training and Supporting Ivy, Small Fruiting Trees and all other Vines, etc. on Brick, Stucco, Stone and Cement Walls without Defacing. No Nails—No Holes Price, box of 20, including cement, \$1.00; postpaid, \$1.15.



- S-1578 WICKET FENCING SENIOR. The modern fencing for protecting shrubbery, bordering walks, and beautifying flower gardens. Of process hardened steel, sealed inside a heavy layer of indestructible plastic, will give years of service. Never needs painting, also rustproof. Slip-on plastic lok-links lock the units together to form a sturdy fence. Colors white or green. Height 21 inches. Width 12 inches. 1/4 inch thick. Price per carton of 12, \$2.98; postpaid \$3.30.

FENCE RODS

- S-1525 Stiff hardened 1/2" dia. Steel Rods green enameled with two "eyes" to support two rows of clothes line, heavy twine, or wire. Handy and safe protection to lawns, trees, shrubs, and gardens against humans and pets.
- 33" (overall) size @ \$2.60 per dozen, postpaid \$2.95
- 48" (overall) size @ \$3.25 per dozen, postpaid \$3.75



- S-1530 Protects your shrubbery from the menace of destructive corrosive action caused by dogs. Makes the dog's visit so uncomfortable that he keeps away, yet it is so constructed that it will not harm the dog. The Shrub-Gard is a unit of steel spring wires that are flexible. Each Shrub-Gard has three prongs and covers approximately two and one half lineal feet. Price per carton of dozen, \$4.00; postpaid, \$4.30.

PLANT PROPS

- Process stiff steel of varying thickness to suit a surplus of weight. Termite and rot proof. Almost invisible blending with plant. 66 inch and 78 inch via express.
- S-1522 16" size stuck into ground 2 1/2" for tulips, Hyacinths, Crocuses and other dwarf plants. Dozen for 80c; postpaid 95c. 30" size (4" into ground) for Zinnias, Marigolds, Roses, etc.—dozen for \$1.85, postpaid \$2.15. 42" size (5" into ground) for "Snaps," Delphiniums, Asters, Larkspur, Madonna lilies, etc. dozen for \$2.20; postpaid \$2.50. 66" size (6" into ground) for Giant Delphiniums, "Glads," Mums, etc. dozen for \$3.60 via express. 78" size (7" into ground) for Dahlias, Hollyhocks, Rose Trees. Dozen for \$5.40 via express.

- S-1587 YORK GARDEN MARKING PEN with weatherproof ink plus 24 wooden stakes easily made into 48 labels including a generous supply of copper wire. Perfect for all plant identification. Price per package of 48 labels with pen for \$1.29; postpaid \$1.45 additional refill cartridges ea. 49c; postpaid 55c.

WREN HOUSE No. 16



8x6x8 inches. \$1.90; postpaid \$2.15.

S-1720 This time tested stepkut house is designed to meet the needs of birds, the steps help nestlings to reach the exit, bottom removable for cleaning. Size 8x5x8. Price, stained brown, each, \$2.60; postpaid, \$2.85.

S-1706 BLUE BIRD HOUSE No. 5. Stained brown. Size 8x6x8 inches. \$1.90; postpaid \$2.15.

MARTIN HOUSE

S-1716 MODEL X215

Twenty compartment house, two stories high, unpainted, weight, 70 lbs. \$27.00; painted two coats in white and green, \$34.00.

S-1716A MODEL No. X315.

Twenty-eight compartment house, three stories high, weight, 85 lbs. unpainted, \$31.00. Painted two coats white and green, \$36.00. Crating charge \$1.50 extra on Martin houses.

S-1722 Erection pole, 4 x 4 in. x 14 ft.; ground posts 4 x 4 in. x 6 ft. weight 100 lbs. each, \$20.00 via motor express collect.



No. FS 21. Garden Craft Feeding Station

This is one of the most successful and appreciated bird feeders. It is equipped with a spindle for mounting, and the double weather vane keeps the sheltered end headed into the wind, thus keeping the food dry in rainy or snowy weather.

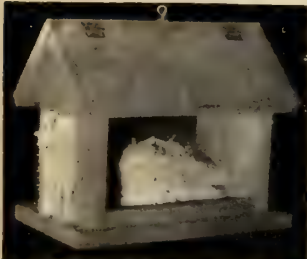
Size 24x12x12. Shipping weight 16 lbs.

S-1711 Price stained brown with wood back. \$ 9.50

S-1712 Price stained brown with glass back. 12.85

S-1710 8 ft. Erection Post bored for mounting. 3.50

Above sent by express collect.



\$4.95, postpaid \$5.50.



S-1717 ROBIN ROOST

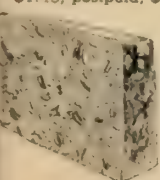
No. 4 Robins will not occupy a nesting box, but insist on a covered sheltered shelf which allows them to see on at least three sides. Size 10x7½x11½. Stained brown—each \$2.85; postpaid \$3.25.

NEW COMMUNITY DINER, Aerial Picnic

Grounds for clinging and perching birds.

S-1714 Model CDS8 filled with 12 tidbits each, \$1.98; postpaid, \$2.20.

S-1713 CT24, containing 24 extra tidbits, each, \$1.49; postpaid, \$1.70.



S-1721 BIRD SNACKS. Model SS1. Mixture of peanut hearts, seeds, berries, whole grain and pure heavy beef suet. Three for \$1.20; postpaid \$1.35.

No. FS 10. Garden Craft Bird Feeder

S-1703 This cleverly constructed feeder will provide endless pleasure and satisfaction for bird lovers. You will be more than repaid for your generosity in providing food for your feathered friends during the early spring, late fall and winter by their appreciation. Size 8x3x10 in. Shipping weight, 3 lbs. Price, \$2.80; postpaid, \$3.10.



S-1709 8 ft. Erection pole with arm \$2.00. (Not Mailable.)

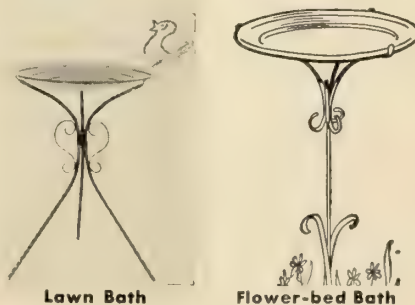
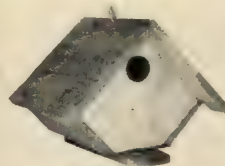


S-1732 COLMET WILD BIRD FEEDER. Stake type. Rests on a five foot four piece steel stake. Designed with the birds in mind. Constructed from heavy steel and finished with weather resistant baked enamel. Holds approximately 2 lbs. seed. Feeders are filled by raising cover. Striking colors. Cover and seed pan are old rose. Seed cup, lemon yellow. Stake and perch boot are jet black. Packed individually each \$6.25; postpaid \$6.75.

S-1733 COLMET WILD BIRD FEEDER. Hanging type. Same as above except without stake. each \$3.75, postpaid \$4.15.

S1704 HOLLOW LOG

WREN HOUSE-MODEL W-3 Highest quality at lowest price. Beautiful stained Redwood finish. Has copper sheet over peak of roof using copper nails. A combination hanging or bracket type. Has drainage, ventilation and the bottom removes for cleaning. Size 6x5x6½. Each \$1.50; postpaid \$1.80.



Lawn Bath

Flower-bed Bath

For both decorative and practical value these light-weight portable metal baths are ideal for both your garden and the birds. You can set them up wherever the birds prefer. When winter comes there is no danger of breakage, and they take a minimum of storage space. Easy to assemble. No bolts, nuts or screws

S-1701A LAWN BATH MODEL 12. Porcelain enameled bowl 20½ x 2½ in. deep, stands 29 inches high. Bowl locks in. Wind will not blow it out. Tubular steel legs. Weight 8 pounds. Each \$7.75; postpaid \$8.25.

S-1701 FLOWER-BED BATH MODEL 11. Porcelain enameled bowl 16½ x 2 in. deep, stands 28 inches high. Green ornamental iron base. Weight 6½ lbs. Each \$4.85, postpaid \$5.30.

FLYING DISK

SCARE Birds and Animals Away

Amazing protection for newly planted seeds, berries, tender seedlings, fruit trees, etc. Made of shining aluminum, FLYING DISKS spin and whirl madly in all directions—give blinding reflections and weird jingling, crackling sounds—to scare birds and animals away. Easily strung across area to be protected—or from branches of fruit trees and vines.



Package of 10 FLYING DISKS with complete instructions 35c; postpaid 45c

PEST EXTERMINATORS



S-237 MOUSE-NOTS. Impregnated seed bait kills mice. 1 oz. package, 35c; postpaid 45c; 6 oz. package, \$1.25, postpaid \$1.35.

S-284 RAT-NOTS. New Improved Pelletized Rat killer. Safe way to exterminate rats. Prepared Bait, containing Squill. Can be used without fear of harming humans, dogs, livestock etc. 2 oz. package 35c, postpaid 40c; package of 10 oz. for \$1.25, postpaid \$1.40.

S-235 MOLE NOTS. Lifesavers for lawns, flower and seed beds. 1 oz. pkg. 35c, postpaid 45c; 6 oz., \$1.25, postpaid \$1.35; 14 oz., \$2.25, postpaid \$2.45; 4½ lb. size, \$7.50, postpaid \$7.95.

S-116 ANT-X-TRAP. Death to Ants in the house or garden. This safety type container carries a multi bait attractive to both the sweet and grease eating. Price, 25c, postpaid 30c. Six for \$1.25, postpaid \$1.50.

S-165 DOG-CHECK. The ideal repellent as a means of checking doggie habits. Safe and harmless to use. New formula will permit spraying on new growth.



Unaffected by rain, one spraying lasts from two to three weeks. 3-oz. size, 60c, postpaid 70c; 8-oz. size, \$1.25, postpaid \$1.45.

S-165A DOG-CHECK AEROSOL BOMB. Contains 12 oz. The guaranteed dog and cat repellent. Easy to apply. Each \$1.50; postpaid \$1.70.

G&O Rabbit Repellent

S-208 With safety to all including the rabbits. This 200 mesh fine snuff-like product is impregnated with rain resistant repelling "naturals" to make it last. 5 lb. package will treat 100 to 150 individual plants or 200 to 250 running feet of plant row. Price 1 lb. pkg. 50c, postpaid 75c; 5 lb. bag \$1.75, postpaid \$2.25.

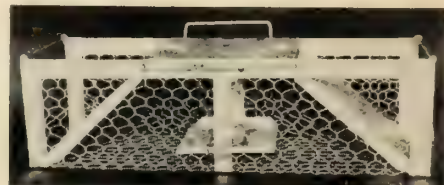


S-249 NIBONEX-NO-NIB'L RABBIT REPELLENT. A formulated chemical material that repels by taste and therefore has an active repellency over a longer period than odor repellents. Can be applied as dust from sifter-top can, or mixed with water and sprayed on plants... 6-ounce can will make 2½ gallons of sprayer solution when mixed with water. Harmless to rabbits and plants. 6 ounces effectively treats 300 feet row crop. 6 oz. can for \$1.29; postpaid \$1.45.



S-286 GOPHER GASSERS, QUICK DEATH TO MOLES, GROUND SQUIRRELS, RATS. Woodchucks and many other destructive burrowing animals. Easy and safe to use—simply light fuse and insert cartridge into holes and runways. TOXIC GASES kill rodents by suffocation and poisoning. Use 1 cartridge every 10 to 15 feet. Price, package of 6 cartridges for \$1.00; postpaid \$1.10.

HAVAHART ANIMAL TRAPS



S-1045 No. 1—5x5x18 in. For weasels, rats and chip munks, each, \$4.85; postpaid, \$5.20.

S-1045A No. 2—7x7x24 in. For muskrats, mink, squirrels and rabbits, each, \$5.95; postpaid \$6.50.

S-1045B No. 3—11x11x36 in. for Coon, woodchuck, rabbits, opossum, cats, etc. Each \$13.30, express collect.

Lawn Seed, Fancy Grasses and Field Seed

For other Lawn Seed Mixtures, See Page 2. All Prices Prepaid, Except where Specifically Noted.
On Parcel Post C. O. D. Orders there is a postal charge for C. O. D. delivery.

VAUGHAN'S SPECIAL PURPOSE MIXTURES

We recommend our lawn mixtures, composed of suitable varieties of grass seed, because results are more satisfactory from a correct combination of grasses than from a variety sown alone. Our grass seed division has long been known as an authority on growing fine turf, and for the guidance of our customers we send our booklet on lawn-making upon request and without charge. A copy of this booklet is enclosed in every carton and bag of Vaughan's lawn seed mixtures.

For Your Protection—Always remember that we neither buy nor sell seeds that are not tested in our own officially recognized laboratory for purity, germination, identity and freedom from weeds.

VAUGHAN'S "COLUMBIAN"

Formula for Shady Lawns or Sandy Soil

In making a lawn on sandy soil or in partial shade, conditions are met which require the use of a special grass seed blend. Vaughan's "Columbian" is the correct blend for such locations.

LA110 Price, 1 lb., \$1.20; 3 lbs., \$3.55; 5 lbs., \$5.85; 10 lbs., \$11.50; 25 lbs., \$28.25; 50 lbs., \$55.50; 100 lbs., \$109.00.

VAUGHAN'S DENSE SHADE FORMULA

An exceptional formula which is particularly adapted to heavily shaded areas and will also do well in lighter shade. We have spared no care or expense to make this lawn seed the best obtainable for the purpose. Does not contain clover.

LA111 Price, 1 lb., \$1.20; 3 lbs., \$3.55; 5 lbs., \$5.85; 10 lbs., \$11.50; 25 lbs., \$28.25; 50 lbs., \$55.50; 100 lbs., \$109.00.

VAUGHAN'S EXCEL MIXTURE

An economy blend for new seedings and quick results which should be followed by reseeding with a more permanent blend like our "Parks." In spite of its low price, this blend does not contain timothy. Sow at the rate of 1 lb. to every 200 sq. ft. Begin cutting when grass is 3 to 4 inches high and continue to cut regularly to keep turf fine.

LA112 Price, 1 lb., 80c; 3 lbs., \$2.35; 5 lbs., \$3.85; 10 lbs., \$7.50; 25 lbs., \$18.35; 50 lbs., \$35.50; 100 lbs., \$69.00.

Quantity to Use—On new lawns, use 1 lb. for every 300 square feet; 5 lbs. for 1500 square feet; 135 to 150 lbs. for one acre. To replenish lawns where turf is thin, use half quantity.

Fancy Kentucky Blue Grass

Kentucky Blue Grass (Poapratensis)

LA113 EXTRA HEAVY SUN-CURED SEED—Specially re-cleaned. 1 lb., \$1.00; 3 lbs., \$2.95; 5 lbs., \$4.85; 10 lbs., \$9.50; 15 lbs., \$13.95; 25 lbs., \$23.25; 50 lbs., \$46.00.

LA114 FANCY SEED—Standard grade of re-cleaned blue grass. 1 lb., 85c; 3 lbs., \$2.55; 5 lbs., \$4.10; 10 lbs., \$8.00; 15 lbs., \$11.70; 25 lbs., \$19.25; 50 lbs., \$37.50.

Fescues

LA122 CHEWINGS FESCUE. This grass is valuable on sandy soils and in shade. Cheewing's Fescue is a perennial with a fine blade and a spreading root system. Sow either Spring or Fall (last week in August or the first week in September) at the rate of 5 lbs. to 1,000 sq. ft. Price, 1 lb., 85c; 3 lbs., \$2.55; 5 lbs., \$4.10; 10 lbs., \$8.00; 25 lbs., \$19.25; 50 lbs., \$37.50.

LA123 PENN LAWN CREEPING RED FESCUE—Latest improvement in grasses bred for drought tolerance, disease resistance. 1 lb., \$1.20; 3 lbs., \$3.55; 5 lbs., \$5.85; 10 lbs., \$11.50; 25 lbs., \$28.25.

LA124 CREEPING RED FESCUE. One of the best fescues obtainable, it spreads from the roots, making a dense turf which tends to crowd out weeds. Does well in shade and is good on sandy soil. Price, 1 lb., 85c; 3 lbs., \$2.55; 5 lbs., \$4.10; 10 lbs., \$8.00; 25 lbs., \$19.25; 50 lbs., \$37.50.

LA125 ALTA FESCUE. This recent development has a very deep root system and is drought resistant. It stands up under traffic and though coarse is excellent for athletic fields, airports, roadsides, playgrounds and lawns where there is heavy traffic. 1 lb., 45c; 5 lbs., \$2.10; 10 lbs., \$4.00; 25 lbs., \$8.75.

Poa Trivialis (Rough Blue Grass)

LA126 A grass for moist, shady spots. 1 lb., 85c; 3 lbs., \$2.55; 5 lbs., \$4.10; 10 lbs., \$8.00; 25 lbs., \$19.25; 50 lbs., \$37.50.

Red Top Grass (Agrostis alba)

LA120 EXTRA FANCY, re-cleaned solid seed. Price, 1 lb., \$1.00; 3 lbs., \$2.95; 5 lbs., \$4.85; 10 lbs., \$9.50; 25 lbs., \$23.25; 50 lbs., \$46.00.

White Clover

LA121 EXTRA FANCY SEED. Price, 1/2 lb., 75c; 1 lb., \$1.25; 2 lbs., \$2.50; 3 lbs., \$3.70; 5 lbs., \$6.10; 10 lbs., \$12.00; 25 lbs., \$29.25.

Rye Grasses

Use all rye grasses at the rate of 30 to 40 lbs. per acre for pastures and 5 to 7 lbs. per 1000 sq. ft. for lawns. Sow either fall or spring.

LA130 ENGLISH OR PERENNIAL RYE GRASS (LOLIUM PERENNE). A lawn grass where quick results are wanted. Price, 1 lb., 35c; 3 lbs., \$1.00; 5 lbs., \$1.60; 10 lbs., \$3.00; 25 lbs., \$7.00; 50 lbs., \$13.50; 100 lbs., \$25.00.

LA131 COMMON RYE GRASS. The Italian type of rye grass, grown in this country. An annual, generally lasting a second year. Develops rapidly. Used in the south for Winter lawn grass. Sow in October in the south, preferably Spring in the north. Price, 1 lb., 30c; 3 lbs., 85c; 5 lbs., \$1.35; 10 lbs., \$2.50; 15 lbs., \$3.65; 25 lbs., \$5.75; 50 lbs., \$10.00; 100 lbs., \$18.00.

All Grasses and Field Seed Prices are Subject to Change Without Notice.



BENT LAWNS FROM CERTIFIED SEED

Ask for Our Bent Leaflet

Bent grasses are increasingly popular for lawns, especially in cities where lawns are small in area and extra care is not burdensome.

Seed at the rate of 3 to 4 lbs. per 1,000 sq. ft.

ASTORIA BENT. Astoria Bent is identified by its numerous root-stocks which spread underground and throw up new shoots, making a very thick turf, and by the presence of runners above ground in the early stages of development. This Bent has a good color and is excellent as both a lawn and putting green grass. It does not require as much cutting as Creeping Bent.

SEASIDE BENT. This is a true unmixed Creeping Bent grass seed which spreads by surface runners instead of by the underground root stalks which characterize the Astoria Bent.

Our Bent Leaflet Is Included in Each Bag

LA127 ASTORIA BENT GRASS. 1/2 lb., 75c; 1 lb., \$1.25; 2 lbs., \$2.50; 3 lbs., \$3.70; 5 lbs., \$6.00; 10 lbs., \$11.75; 15 lbs., \$17.25; 20 lbs., \$22.60; 25 lbs., \$27.50.

LA128 SEASIDE CREEPING BENT GRASS. 1/2 lb., \$1.15; 1 lb., \$1.95; 2 lbs., \$3.90; 3 lbs., \$5.80; 5 lbs., \$9.60; 10 lbs., \$19.00; 25 lbs., \$43.75.

LA129 PENNCROSS CREEPING BENT. Latest improvement in Creeping Bent Bred for disease resistance. 1 lb., \$3.00; 3 lbs., \$8.95; 5 lbs., \$14.75; 10 lbs., \$29.00.



VAUGHAN'S WILD BIRD FEEDING MIXTURES

(As recommended by the Illinois Audubon Society.)

LA140 5 lbs., \$1.00; 10 lbs., \$1.80; 20 lbs., \$3.50; 100 lbs., \$14.00.

All prices prepaid within 300 miles of Chicago; otherwise collect.

VAUGHAN'S FORMULA Z KILLS ALL LAWNS FUNGI

S-304 When lawns turn brown, turf researchers now agree that fungus diseases often are responsible. Five different types of these parasitic organisms are known to attack lawn grass. Prevents and controls BROWN PATCH, DOLLAR SPOT, COPPER SPOT, RED THREAD (PINK PATCH) AND LEAF BLIGHTS, such as incited by Helminthosporium and Curvularia.

Formula Z, is a "broad spectrum" fungicide, a mixture deadly not merely to one fungus, but which kills them all. Whatever type is disfiguring your lawn, Formula Z will prevent its spores from developing, and kill all parasites that have developed.

Formula Z contains urea, which stimulates this new growth. Its dark green coloring improves the appearance of the grass during its recovery from the attack. Protective spraying with Formula Z prevents fungi from getting a start. 8 oz. treats 2,000 to 4,000 sq. ft., \$3.45; postpaid \$3.75; 5 lbs., \$24.50; postpaid \$24.95.

Explanation of Table Below: Numbers Prefixed with **B**, Represent Bulbs; **P**, Plants; **R**, Roots. **S**, Seeds.

Explanation of Table Below: Numbers Prefixed with **B**, Represent Bulbs; **P**, Plants; **R**, Roots. **S**, Seeds.

97

NURSERY MAIL ORDER
WESTERN SPRINGS, ILL.
CHESTNUT 6-0846

GARDEN CENTER
WESTERN SPRINGS, ILL.
CHESTNUT 6-3540

Vaughan's Seed Company

GENERAL OFFICES AND WAREHOUSES

601-609 WEST JACKSON BLVD., CHICAGO 6, ILLINOIS

Phone: Chicago Franklin 2-7560

New York Barclay 7-4900

NEW YORK 7,
24 VESEY ST.,
BARCLAY 7-4911

CHICAGO LOOP STORE
10-12 W. RANDOLPH ST.
CENTRAL 6-0534

HOW TO ORDER

How to Order: Please order by number when the item you desire has a number in the catalogue. Give address, with Delivery Zone, if you are in a large city.

Seed and Bulb Orders: Write quantities and prices distinctly in the column provided in the catalogue order form.

Plant and Tree Orders: State quantity, size or age of each variety, with price for each item.

C. O. D. Orders: No bulbs, trees, plants or other perishable stock, are sent C. O. D.

Remittance: Please remit by money order or check. Do not send currency unless registered.

Mistakes: We will do our utmost to satisfy you, as we appreciate that your continued patronage is our road to success. If we make any error in filling your order, write us at once returning your order if a paid order or your invoice if a charge order.

VAUGHAN'S MODERN RETAIL OUTLETS

All items listed in this catalogue, and many not listed, may be purchased and immediate delivery usually obtained at the following retail outlets of Vaughan's Seed Company:

10 W. Randolph St., Chicago 1, Ill. Fixtures of latest design make possible the display of a complete line of garden goods throughout the year in this modern store. On the second floor is a large pet shop, specializing in parakeets, canaries, and tropical fish, with pet supplies of every description, sold by clerks who can supply valuable information. A display of educational toys on the third floor is widely known for its exclusive offerings. Modern fixtures on the first floor make possible the display of a complete line of seeds, bulbs, plants and supplies. Customers may select items of their choice on a self-service basis. Information and assistance are available from clerks experienced in horticulture. Cash and charge account orders for delivery may be placed at a convenient desk. A check-out system speeds wrapping for cash and carry orders.

601 W. Jackson Blvd., Jackson and Jefferson, one block from the Union Depot, Chicago 6, Ill. Complete line of garden requirements, sold by clerks experienced in horticulture, who will aid in solving any garden problem.

Garden Center, W. 47th Street and Willow Springs Road. Spread over acres of ground, providing extensive parking space, a modern store, greenhouse, and lath house display for our customers everything a home gardener needs. Personal selection may be made of evergreens, trees, shrubs, roses and all kinds of growing plants as well as seeds, bulbs, plant foods, pesticides and garden tools of every description. Throughout the year a large selection of house plants is displayed in the greenhouse and a spacious pet shop provides a large selection of birds, tropical fish and pet supplies.

24 Vesey Street, New York 7, N.Y. While retaining the familiar atmosphere of a seed store, this store is equipped with modern facilities which permit self-service in making selections from its complete display of garden goods, but also provides to all who desire it, assistance from clerks experienced in horticulture.

OUR GUARANTEE

We guarantee the vitality and purity of Vaughan's Seeds and Bulbs to the full amount of the purchase price. You can have your money back any time within three months if you are not satisfied with the results. Even with the highest quality seeds and bulbs, success in gardening depends largely upon cultivation, soil, and weather conditions. Our roses, trees and shrubs are guaranteed to grow, providing they are properly planted and watered. We will replace any plant which fails, if we are notified within 90 days, excepting those affected by adverse conditions beyond our control, such as excessive heat, lack of moisture, neglect, etc. Therefore, in no case, shall Vaughan's Seed Co., be liable for more than the amount actually paid us for seeds, bulbs or plants. Please return order copy with your complaint.

DELIVERY

All flower seeds, vegetable seeds, lawn seeds and bulbs are prepaid by us.

All Dahlias, bought at single and dozen prices, are prepaid. Larger quantities by express at buyer's expense. Exceptions to this rule are specifically noted in the offers.

All Water Lilies by mail or express at buyer's expense, except where otherwise specifically stated.

For delivery costs on roses, trees, shrubs, and evergreens, see pages on which they are listed.

All tools and supplies, including insecticides and fertilizers (except as specified where listed), are F. O. B. Chicago or New York and shipped at buyer's expense.

Purchases for \$3.00 or more made at our loop store, 10 W. Randolph St., delivered free within a 25 mile radius except fertilizers and peat moss, dog food and bird gravel, which items are shipped at buyer's expense. This offer is subject to change without notice.

These special Free Deliveries do not include C. O. D. shipments, which travel at buyer's expense.

Express Shipments: General orders for garden seeds with heavy weights of corn, beans, fertilizers, etc., should go by express, freight, or truck, also all shipments containing breakables.

All Trees, Shrubs, Bulbs and Hardy Plants are shipped as soon as weather permits. State plainly date and manner of shipping you wish.

Weight Limitations on Parcel Post Shipments

Seeds, plants, and bulbs weighing up to 70 pounds can be shipped by parcel post to any post office.

Fertilizers, tools, and other garden accessories and equipment, can be shipped to any second class postoffice up to seventy pounds, but if shipped to a first class postoffice the limit is 40 pounds within the first and second zones, 20 pounds beyond that. All shipments to Canada limited to 15 pounds.

In case your order will exceed in weight these limitations, and you wish it to be divided into several parcels of acceptable size, please figure postage on this basis when you are remitting postage charges.

Parcel Post Rates By Zones

| APPROXIMATE DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. Within the U. S. and Possessions. Effective Oct. 1, 1953 | First pound or fraction | Each additional pound or fraction |
|---|-------------------------|-----------------------------------|
| Local—Chicago or New York City | 18c | 1.5c |
| First and Second Zone within 150 miles of either | 23c | 4c |
| Third Zone within 150 to 300 miles | 23c | 5c |
| Fourth Zone within 300 to 600 miles | 24c | 7c |
| Fifth Zone within 600 to 1000 miles | 26c | 10c |
| Sixth Zone within 1000 to 1400 miles | 28c | 12c |
| Seventh Zone within 1400 to 1800 miles | 30c | 15c |
| Eighth Zone all over 1800 miles | 32c | 18c |

NOTE: A fraction of a cent in the total amount of postage on any parcel is counted as a full cent.

Charge Accounts. Customers desiring to open charge accounts are cordially invited to inform our credit department, which will be pleased to make the necessary arrangements.

| CONTINUED | Page | | Page | | Page | | Page | | Page |
|-----------------------|--------|---------------------------|----------|----------------------------|------------|--------------------------|--------|------------------------|--------|
| Rope Repellent..... | 5 | SCHIZANTHUS | S.56 | SPINACH | S.71 | Sweet Sultan | | Tree Tanglefoot..... | 87 |
| Root Feeder..... | 90 | Seeder..... | 3 | Spiraea..... | P.85 | (Centaurea)..... | S.28 | Tree Wrap..... | 87 |
| Root Irrigator..... | 90 | Seed Flats..... | 93 | Spray Bomb | | Sweet William—See | | Trellis..... | 91, 94 |
| Rootone..... | 88 | SEE STARTERS | 93 | (Household)..... | 88 | Dianthus Barbatus | | Triogen..... | 87 |
| Rosa Multiflora..... | 85 | SEMESAN | 87 | SPRAYS | 5, 89-90 | S.P.42, 49 | | Tritoma..... | S.P.54 |
| Rose of Sharon..... | 85 | Sensitive Plant | | SPRAYS AND | | SWISS CHARD..... | S.71 | Trolius..... | S.P.54 |
| Rose, Miniature..... | S.54 | (Mimosa)..... | S.45 | DUSTS | 4, 87-88 | | | Trowels..... | 92 |
| Rose, Rugosa..... | P.81 | Shamrock..... | S.45 | Spread, Seed and | | | | Trumpet Vine..... | P.82 |
| Rose and Plant | | SHASTA DAISY | S.P.48 | Chemicals..... | 4 | | | Tubs Plant..... | 93 |
| Spray or Dust..... | 3, 4 | Shears..... | 92 | SPRING BULBS | 76-77 | | | TUBEROSES | B.77 |
| ROSES— | | SHRUBS | P.84-85 | Sprinklers..... | 89-90 | | | TURNIP | S.72 |
| Inside Front Cover | | Shrub-Guard..... | 94 | SQUASH | S.72 | | | Twist-Ems—Plant | |
| P.1, 12, 14, 80-81 | | Sieves..... | 93 | Stakes (Plant)..... | 94 | | | Ties..... | 94 |
| Rose of Sharon..... | 85 | Silver Lace Vine..... | R.82 | Star Flower..... | S.39 | Tahoka Daisy..... | S.38 | | |
| Rubber Saucers..... | 91 | SNAPDRAGON | S.17, 38 | Statice..... | S.45, 54 | Tanglefoot..... | 87 | | |
| Rudbeckia..... | S.P.53 | Snowball..... | P.85 | Stocks..... | S.45, 56 | Terra-Lite..... | 86 | | |
| RUTABAGA | S.72 | Soaker, Spray..... | 90 | Stokesia..... | P.S.54 | Thalictrum..... | S.P.54 | | |
| | | Sodar (Crab Grass | | Stop Grass..... | 91 | Thermometers..... | 93 | | |
| | | Killer)..... | 4 | STRAWBERRY | P.10, S.38 | Thompson's..... | P.S.54 | | |
| | | Soil Fumigant..... | 87 | Strawberry Corn..... | S.29 | Thunbergia..... | S.45 | | |
| | | Soil Conditioners..... | 86 | Strawberry Pyramid | | Thyme..... | S.65 | | |
| | | Soil Soaker..... | 90 | Garden..... | 10 | Tigridia..... | B.76 | | |
| | | Soil Substitute | | STRAW FLOWERS | S.31 | Tithonia..... | S.45 | | |
| | | (Terralite)..... | 86 | Streptocarpus..... | S.56 | Tobacco..... | S.73 | | |
| | | Soil Sterilizer..... | 3 | Stump Remover..... | 93 | Tobacco (Fragrant)..... | S.33 | | |
| | | Soil Test Kit..... | 79 | Sunflower..... | | TOMATO | S.73 | | |
| | | Solanum..... | S.56 | (Annual)..... | S.45 | Tomato Dust..... | 3 | | |
| | | Sorrel..... | S.71 | Supports, Plant..... | 94 | TOOLS | 92 | | |
| | | Soy Bean, Edible..... | S.59 | SURPRISE GARDEN | | Torenia..... | S.39 | | |
| | | Spider Plant—See Cleome | | MIXTURE | S.25, 27 | Trainettes..... | 97 | | |
| | | Spiderwort—See | | SWEEP PEAS | S.39 | Transplantone..... | 88 | | |
| | | Tradescantia | | | | Traps..... | 95 | | |
| | | | | | | Trees..... | 85 | | |
| | | | | | | Tree Wound Dressing..... | 3 | | |

W

VIOLA.....S.40, 42

Violets, Sweet.....P.54

WATER LILIES.....79

WATER ROLLER.....91

WEED KILLER.....4, 88

Weedone.....88

Weigela.....P.11, 85

White Clover Killer.....88

Wild Flower Mixture.....S.52

Willow (Salix).....85

Window Box.....93

Window Box Mixture.....S.44

Winter Creeper.....P.82

Wistaria.....P.82

V

VEGETABLE SEEDS

6-8, 58-73

VERBENA.....S.40, 54

Veronica.....S.P.54

Viburnum.....P.85

Vinca Minor (Grave

Myrtle).....P.54

Vinca Rosea

(Periwinkle).....S.21, 45

VINES.....R.82

Vine Supports.....91

Z

Zephyranthus (Fairly

Lily).....B.76

ZINNIA.....S.22, 41, 42

Zucchini.....S.72



Spic and Span

Gold

Elizabeth the Queen

San Souci

Mother Fischer

VAUGHAN'S FAMOUS

Rainbow Garden of Gladioli

Including Giant Salman's Sensation, with 6 ft. stems

Fifty-six flowering size bulbs, 1-1 $\frac{1}{4}$ inches in diameter, 8 each of the 7 outstanding varieties. Each variety separately bagged and labeled. **\$2**
Prepaid 600 miles for

This Is Not a Mixture

It is a collection of 7 beautiful gladioli, so far excelling ordinary varieties there is no comparison. Bulbs of each variety come separately bagged and labeled by name. You receive 7 bags of bulbs, can plant them in a studied arrangement, tell your admiring friends their correct names, and exhibit them by name in your local flower show. All bulbs are of flowering size, young and vigorous, the kind we use to grow exhibition flowers. Every bulb will flower if planted according to directions. They will also multiply and produce a crop of new bulbs for planting next year. Your purchase will be a long-term investment.

We take pride in making our Rainbow Garden of gladioli the greatest value available to home gardeners.

These are the Varieties

SPIC AND SPAN (Carlson). Giant deep pink, ruffled florets, big winner at shows.

GOLD (Marshall). Finest deep yellow, exceptionally healthy and vigorous. Ruffled florets opening to tip of tall stems.

ELIZABETH THE QUEEN (White). Beautiful ruffled lavender, best of its color.

SAN SOUCI (Europe). Glowing scarlet, opening 7 to 8 5 $\frac{1}{2}$ inch florets on 19 bud spike.

SALMAN'S SENSATION (Salman). Six inch florets on a 6 ft. stem make this pansy blue variety the largest of all blues and a sensation in any show or garden.

FRIENDSHIP (Fischer). Bright true pink with cream and white throat. One of the earliest to bloom.

MOTHER FISCHER (Fischer). Finest of all whites. Heavily ruffled, velvety texture, opening to florets with perfect placement. Winner at shows.

Glamorous Gloxinias

These showy flowers of brilliant coloring are easily started in pots and grown on porch or patio, or transplanted to the garden border, preferably in a semi-shaded spot. Give them plenty of water, but keep it off the foliage. Fertilize well as they approach the flowering season. The tubers may be taken up after the flowering season and stored until the next spring, then started again. They grow well in the house, if they can be given a humid atmosphere, as they are native in rain forests. Red, white, blue or mixed. 3 for \$1.00; doz., \$3.50.

Lovely Pink Lily



LILIUM
SPECIOSUM
RUBRUM

8-9 INCH, 3 FOR \$1.00; DOZ., \$3.50

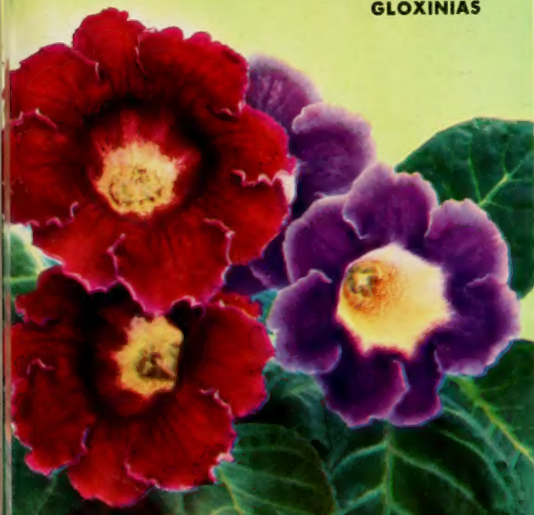
This is most beautiful of pink lilies and is also the easiest to grow. It is seldom attacked by disease, and perfectly hardy, living for years in the coldest sections of the country when planted in a well drained place.

It grows slowly, with sturdy stems reaching a height of 4 feet, and blooms in late August and early September, producing branches of flowers many of which reach 6 inches in diameter. Usually 8 to 12 flowers per plant blooming over a 3 week period.

The frilly petals are white, but so flushed with deep pink that only the margins are clear white; and numerous dots of carmine decorate the petals. These are reflexed, or turned back while long stamens and pistil project with decorative effect.

Planting instructions are sent with the bulb.

GLOXINIAS



GLAMOROUS BEGONIAS

Collection of Garden Types Everyone Can Grow \$2.00
16 Imported Tubers—4 Each of 4 Colors PRE-PAID

THESE ARE THE COLORS:

Red, White, Pink, Yellow

All Tubers 1¼-1½ Inches in Diameter

Each Color Separately Bagged and Labeled

Tuberous rooted begonias thrive in the shade and reward the gardener not with a single flower of great beauty, as do most summer bulbs, but with a succession of magnificent blossoms all season long.

No wonder they have become in recent years one of the most widely grown flowers in this country, rivaling the gladiolus, if not surpassing it in popularity.

With their great beauty, they combine ease of culture when their basic needs are understood and supplied. Their liking for shade has helped make them popular, since a majority of home owners have shady spots for which it is often difficult to find attractive plants.

Begonias thrive on porches, which they can be grown in planters or large pots; in the shade of oak trees, and on the north side of buildings, where they get a few hours of morning or afternoon sun.

They are among the easiest flowers for an amateur to start growing under protection in the early spring, to be moved outdoors as soon as the danger of frost is over. Complete instructions on starting and transplanting them are sent with every order.

Special Offer, 7 Mixed for \$1.00

NEW TYPES NOT ILLUSTRATED

Picotee. These lovely flowers have the camellia form, with each petal edged with a different color, in the manner of the picotee carnations. The effect is delightful in flower arrangements. Colors for your selection include white with red edge; white with pink edge, salmon with scarlet edge. 1½ to 2 in. bulbs, Each 25c; 12 for \$2.75.

Rosebud. Flowers of this class have the form of a rose bud in pastel coloring. Separate colors cannot be supplied, but all pastel colors in the mixture are harmonious and pleasing in combinations. 1½ to 2 in. bulbs, Each 25c; 12 for \$2.75.

See Page 76 for Other Begonias



Pendula (Hanging Basket) Begonias.

Pendula (Illustrated above). These bear double flowers on long stems which drape over the sides of a hanging basket, or planter box, producing a novel and attractive decorative effect. Excellent for a window-box on the shady side of the house. Colors for your selection include scarlet, yellow, white, orange, salmon pink. 1½ to 2 in. bulbs, Each 25c; 12 for \$2.75; 25 for \$5.00.

